

בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

This is to certify that the following product(s) prepared by

Ingredion Incorporated, 5 Westbrook Corporate Center, Westchester, IL 60154

at the following facilitie(s) are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

PacMoore Process Technologies-Mooresville (Copack Products Only), 100 PacMoore Parkway, Mooresville, IN

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion			
• ABSORBO (R) KR Approved when produced in USA.	OUV3-F9FEC7B	Pareve	U Symbol required.
• ABSORBO® HP Approved when produced in USA.	OUV3-F0B0D45	Pareve	① Symbol required.
• ADVANTA-GEL (TM) S Approved when produced in USA.	OUV3-171E003	Pareve	① Symbol required.
• ALCOCAP 300 Approved when produced in USA.	OUV3-8A5B24E	Pareve	① Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Meraehu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• AMIOCA Approved when produced in the USA.	OUV3-2238C72	Pareve	U Symbol required.
• AMIOCA (R) TF Approved when produced in USA.	OUV3-C86FBE5	Pareve	① Symbol required.
• AMIOCA NF Approved when produced in USA.	OUV3-59351B1	Pareve	① Symbol required.
• AMIOCA POWDER Approved when produced in USA	OUV3-A51C680	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• BAKA-SNAK® Approved when produced in USA.	OUV3-92B63AB	Pareve	U Symbol required.
• BATTERBIND (R) J Approved when produced in USA.	OUV3-0B2AEFF	Pareve	U Symbol required.
• BATTERBIND® S Product of USA	OUV3-AC75EB3	Pareve	U Symbol required.
• CAPSUL (R) Approved when produced in USA.	OUV3-C88ED4C	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• CAPSUL (R) 120 Approved when produced in USA.	OUV3-1FBE2F3	Pareve	U Symbol required.	
• CAPSUL (R) 2730 Approved when produced in USA.	OUV3-838DD79	Pareve	① Symbol required.	
• CAPSUL (R) FP Approved when produced in USA	OUV3-8F0C269	Pareve	① Symbol required.	
• CAPSUL (R) HS Approved when produced in USA.	OUV3-77C50EC	Pareve	U Symbol required.	

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CAPSUL (R) M Approved when produced in USA.	OUV3-363FA43	Pareve	U Symbol required.
• CAPSUL(R) 2615 Approved when produced in USA.	OUV3-98432FC	Pareve	① Symbol required.
• CAPSUL® Approved when produced in Mexico.	OUV3-E487C49	Pareve	① Symbol required.
• CATO (R) Approved when produced on the USA . Also approved when shipped	OUV3-CCB0978 in rail hopper car.	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CATO (R) 308i Approved when produced in USA.	OUV3-1F4A0BF	Pareve	U Symbol required.
• CATO PLUS (R) Approved when produced in USA.	OUV3-F94F66F	Pareve	① Symbol required.
• CATO-SIZE (R) Approved when produced in the USA. Also approved who	OUV3-D37EDB1 en shipped in rail hopper car.	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• CERELOSE® Anhydrous Dextrose M NON-GMO IP Product of Mexico	OUV3-23F381D	Pareve	U Symbol required.	
• CERELOSE® Anhydrous Dextrose M NON-GMO IP Approved when produced in USA	OUV3-4427D33	Pareve	① Symbol required.	
CERELOSE® Dextrose M NON-GMO IP Product of Mexico. Dry product in bulk truck.	OUV3-FE92416	Pareve	U Symbol required.	
• CLEARJEL (R) Approved when produced in USA.	OUV3-9C61D82	Pareve	① Symbol required.	

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CLEARJEL (R) A Approved when produced in USA.	OUV3-E8D1D43	Pareve	① Symbol required.
• CLEARJEL (R) S Approved when produced in USA.	OUV3-A43B582	Pareve	① Symbol required.
• CLEAR-TEX (R) Approved when produced in the USA.	OUV3-0E76F78	Pareve	① Symbol required.
• COLFLO (R) 67 Approved when produced in USA.	OUV3-14E79A0	Pareve	① Symbol required.
• CRISP COAT 884	OUV3-D13E425	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CRISP COAT MCS Approved when produced in USA.	OUV3-4FD4A28	Pareve	U Symbol required.
• CRISP COAT UC Approved when produced in USA	OUV3-AE4E342	Pareve	① Symbol required.
• CRISP FILM (R) Approved when produced in USA.	OUV3-CFBF62F	Pareve	① Symbol required.
• CRISPCOAT 868 Approved when produced in USA.	OUV3-B8A5167	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• CRISPCOAT CCS Approved when produced in USA.	OUV3-2FEB17B	Pareve	U Symbol required.	
• CRYSTAL GUM Approved when produced in USA.	OUV3-22A52B0	Pareve	U Symbol required.	
• CRYSTAL SET 100 Approved when produced in USA.	OUV3-63D5BC6	Pareve	U Symbol required.	
• CRYSTAL TEX 626 Approved when produced in USA.	OUV3-C5ADDE0	Pareve	U Symbol required.	

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• CRYSTAL TEX 627M Approved when produced in USA.	OUV3-9109594	Pareve	U Symbol required.
• CRYSTAL TEX 629 Approved when produced in USA.	OUV3-776E106	Pareve	① Symbol required.
• CRYSTAL TEX 644 Approved when produced in USA.	OUV3-B9599BE	Pareve	① Symbol required.
• ECO-MAIZE Approved when produced in USA	OUV3-1C3856D	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ELASTIGEL (R) 1000J Approved when produced in USA .	OUV3-C4D088D	Pareve	U Symbol required.
• ELASTIGEL (R) 3000 M Approved when produced in USA .	OUV3-FC2761B	Pareve	① Symbol required.
• ELASTIGEL (R) 4000N Approved when produced in USA .	OUV3-B1569DB	Pareve	U Symbol required.
• ELASTIGEL (R) 4500N Approved When Produced In USA	OUV3-E19B5E5	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ELASTIGEL (R) 5100 Approved when produced in USA.	OUV3-A1612F9	Pareve	U Symbol required.
• ELASTIGEL (R) 5200 Approved when produced in USA .	OUV3-72B8051	Pareve	① Symbol required.
• ELASTITEX 1 Approved when produced in USA.	OUV3-32A9EE0	Pareve	① Symbol required.
• ELASTITEX 2 Approved when produced in USA.	OUV3-730BF1C	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ELOSET product of USA	OUV3-94BCE9B	Pareve	U Symbol required.
• EMULSOL 2030 Approved when produced in USA.	OUV3-F79CE13	Pareve	① Symbol required.
• EMULSOL 448 Approved when produced in USA.	OUV3-F825C25	Pareve	(U) Symbol required.
• EXYLON (R) Approved when produced in USA	OUV3-2393014	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• FARMAL MS 6822 Approved when produced in USA.	OUV3-82F810F	Pareve	U Symbol required.
• FILMKOTE (R) Approved when produced in the USA.	OUV3-4AC8147	Pareve	① Symbol required.
• FIRM-TEX (R) Approved when produced in USA.	OUV3-03C6895	Pareve	① Symbol required.
• FLOJEL (R) 60 Approved when produced in USA.	OUV3-6322676	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• FLOJEL (R) 63 Approved when produced in USA.	OUV3-BEA1630	Pareve	① Symbol required.
• FLOJEL (R) 65 Approved when produced in USA.	OUV3-FD27581	Pareve	① Symbol required.
• FLOJEL (R) 75 Approved when produced in USA.	OUV3-9ADF6F0	Pareve	① Symbol required.
• FLOJEL (R) G Approved when produced in USA.	OUV3-7DBE659	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• FLOJEL(R) Approved when produced in the USA.	OUV3-7D8C830	Pareve	① Symbol required.
• FLOKOTE (R) 64 Approved when produced in USA.	OUV3-EB60884	Pareve	① Symbol required.
• FLOKOTE(R) Approved when produced in the USA.	OUV3-D5F2520	Pareve	① Symbol required.
• FLO-MAX (R) 8 Approved when produced in USA and Thailand.	OUV3-CE94838	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• FLO-MAX (R) 5 Approved when produced in USA.	OUV3-5DF444F	Pareve	① Symbol required.
• Flomax 8 Approved when produced in the USA	OUV3-E08A29F	Pareve	① Symbol required.
• FRIGEX (R) W Approved when produced in USA.	OUV3-A68052F	Pareve	① Symbol required.
• GEL'N' MELT (R) Approved when produced in USA	OUV3-BBE0BA6	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• GERM Approved when produced in USA.	OUV3-D52C27B	Pareve	① Symbol required.
• GLOBE® 15 DE Maltodextrin NON GMO IP	OUV3-CD03207	Pareve	U Symbol required.
• GLOBE® Maltodextrin 10 IP Approved when produced in Mexico.	OUV3-82C3F31	Pareve	U Symbol required.
• GLUTEN Approved when produced in USA.	OUV3-9EAB1E5	Pareve	① Symbol required.
• H-50 Approved when produced in USA.	OUV3-7864778	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• HEAVY STEEP WATER Approved when produced in USA.	OUV3-26B67A7	Pareve	① Symbol required.	
• HI FLO (R) Approved when produced in USA.	OUV3-678EE4F	Pareve	① Symbol required.	
• HI-CAP (R) 100 Approved when produced in USA.	OUV3-D686975	Pareve	① Symbol required.	
• HI-MAIZE®1043 Approved when produced in USA.	OUV3-38ECBB8	Pareve	① Symbol required.	

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Merachen Strack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• HI-SET (R) 150 Approved when produced in USA.	OUV3-FCF2D6C	Pareve	U Symbol required.
• HI-SET (R) 1684 Approved when produced in USA .	OUV3-7D93297	Pareve	① Symbol required.
• HI-SET (R) 322 Approved when produced in USA.	OUV3-A3436C5	Pareve	① Symbol required.
• HI-SET (R) 369 Approved when produced in USA.	OUV3-9D99079	Pareve	U Symbol required.

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Merachen Strack

This certification is valid through 12/31/2022

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• HI-SET (R) 377 Approved when produced in USA.	OUV3-79F660F	Pareve	① Symbol required.
• HI-SET (R) C Approved when produced in USA.	OUV3-09BFCFA	Pareve	① Symbol required.
• HI-SET (R) CHG Approved when produced in USA.	OUV3-BB99685	Pareve	① Symbol required.
• HI-SET(R) Approved when produced in the USA.	OUV3-347F4C1	Pareve	① Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• HOMECRAFT Create 390 Approved when produced in USA.	OUV3-4D5EB4A	Pareve	U Symbol required.
Homecraft Create 830 Approved when produced in USA	OUV3-04BDE76	Pareve	U Symbol required.
• HOMECRAFT Create[TM] GF 10 Approved when produced in USA.	OUV3-A321967	Pareve	U Symbol required.
• HOMECRAFT Create[TM] GF 20 Approved when produced in USA.	OUV3-F713231	Pareve	U Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• HOMECRAFT® Create 860 Approved when produced in USA.	OUV3-77BDFFE	Pareve	① Symbol required.	
• HOMECRAFT® Express 390 Approved when produced in Thailand.	OUV3-35BA1E2	Pareve	U Symbol required.	
• HOMECRAFT® Pulse 1101	OUV3-DF5C6D1	Pareve	U Symbol required.	
• HOMECRAFT® Pulse 3101	OUV3-064ED4A	Pareve	U Symbol required.	
• HOMECRAFT® Pulse 4101	OUV3-3A102DE	Pareve	U Symbol required.	
• HOMECRAFT® Pulse CT 1203	OUV3-21F4037	Pareve	U Symbol required.	
• HOMECRAFT® Pulse CT 4201	OUV3-544D580	Pareve	U Symbol required.	
Approved when produced in USA.				

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Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• HOOSIER 5 Approved when produced in USA.	OUV3-AD3C464	Pareve	① Symbol required.
• HOOSIER 5 Approved when produced in USA.	OUV4-3B2F942	Pareve	Certified when bulk shipped in OU approved carriers.
• HYLON (R) Approved when produced in USA.	OUV3-C4AA9B9	Pareve	U Symbol required.
• HYLON (R) V Approved when produced in USA.	OUV3-C2ED295	Pareve	① Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• HYLON (R) VII Approved when produced in USA	OUV3-DE55E1F	Pareve	U Symbol required.
• HYLON (R) VII (PCR) Approved when produced in USA.	OUV3-1502320	Pareve	① Symbol required.
• IF 131 Approved when produced in USA.	OUV3-93A72D8	Pareve	① Symbol required.
• INSTANT CLEARJEL (R) Approved when produced in USA.	OUV3-43315D3	Pareve	U Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Meraehu Seack

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• INSTANT CLEARJEL (R) II Approved when produced in USA.	OUV3-0FA8AB6	Pareve	① Symbol required.	
• INSTANT N-OIL (R) Approved when produced in USA.	OUV3-A27597A	Pareve	① Symbol required.	
• INSTANT N-OIL (R) II Approved when produced in USA.	OUV3-42C57B5	Pareve	① Symbol required.	
• INSTANT PRECISA[TM] Cling 20 Approved when produced in USA.	OUV3-0356E97	Pareve	① Symbol required.	

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Meraehu Seack

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• INSTANT PURE-FLO (R) Approved when produced in USA.	OUV3-BF9FECB	Pareve	U Symbol required.
• INSTANT PURE-FLO (R) F Approved when produced in USA.	OUV3-B4A1017	Pareve	U Symbol required.
• INSTANT PURE-FLO(R) F Approved when produced in USA.	OUV3-222D7FF	Pareve	① Symbol required.
• INSTANT PURITY (R) SMR Approved when produced in USA.	OUV3-1A01A6B	Pareve	① Symbol required.

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Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• INSTANT TEXTAID (R) A Approved when produced in USA.	OUV3-5EAB8AF	Pareve	U Symbol required.
• INSTANT TEXTRA (R) Approved when produced in USA.	OUV3-08C90F2	Pareve	① Symbol required.
• K4484 Approved when produced in USA.	OUV3-2E77670	Pareve	U Symbol required.
• KOFILM (R) 180 Approved when produced in USA.	OUV3-3DBF4DA	Pareve	① Symbol required.

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Meraehu Seack

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• KOFILM (R) 280 Approved when produced in USA .	OUV3-E314206	Pareve	U Symbol required.
• KOFILM (R) 80 Approved when produced in USA .	OUV3-E8B9DE2	Pareve	① Symbol required.
• KOFILM (R) 93 Approved when produced in USA.	OUV3-120374C	Pareve	① Symbol required.
• KOFILM (R) SR Approved when produced in USA.	OUV3-912BE5B	Pareve	U Symbol required.

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Merachu Skack

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• KOFILM(R) Approved when produced in USA. Also approved when shipped in re-	OUV3-86705FA ail hopper car.	Pareve	U Symbol required.
• MELOJEL (R) Approved when produced in USA.	OUV3-9AED85A	Pareve	U Symbol required.
• MELOJEL (R) Approved when produced in USA.	OUV4-FE38AA5	Pareve	Certified when bulk shipped in OU approved carriers.
• MELOJEL® Product of Mexico.	OUV3-6D36DA8	Pareve	U Symbol required.
• MELOJEL® Product of Mexico. Dry hopper car	OUV4-B0A0758	Pareve	Certified when bulk shipped in OU approved carriers.

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Menachen Strack

This certification is valid through 12/31/2022

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• Micro CAT (R) 110 Approved when produced in USA.	OUV3-DD3290F	Pareve	U Symbol required.
• MICROCAT (R) Approved when produced in USA . Also approved when shipped in rail	OUV3-343728F hopper car.	Pareve	① Symbol required.
• MODIFIED STARCH Approved when product of China and third character in lot code is S.	OUV3-CBC349B	Pareve	① Symbol required.
• NABOND (R) Approved when produced in the USA	OUV3-1CE876F	Pareve	① Symbol required.

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Meraehu Seack

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATASORB BATH Approved when produced in USA.	OUV3-A72082F	Pareve	U Symbol required.
• NATIONAL Approved when produced in USA.	OUV3-3C66BD2	Pareve	① Symbol required.
• NATIONAL 0058 Approved when produced in USA.	OUV3-58EB738	Pareve	① Symbol required.
• NATIONAL 0280 Approved when produced in USA.	OUV3-D67ADB5	Pareve	(U) Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 104 Approved when produced in USA.	OUV3-00527AD	Pareve	U Symbol required.
• NATIONAL 107 Approved when produced in USA.	OUV3-FDEB4E3	Pareve	① Symbol required.
• NATIONAL 108 Approved when produced in USA.	OUV3-53BB123	Pareve	① Symbol required.
• NATIONAL 1215 Approved when produced in USA.	OUV3-459A674	Pareve	U Symbol required.

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Merachen Strack

This certification is valid through 12/31/2022

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 1333 Approved when produced in USA .	OUV3-C8B93AD	Pareve	U Symbol required.
• NATIONAL 1390S Approved when produced in the USA.	OUV3-518A3F1	Pareve	① Symbol required.
• NATIONAL 1457 Approved when produced in USA.	OUV3-5C914D9	Pareve	① Symbol required.
• NATIONAL 1458 Approved when produced in USA.	OUV3-B63F76B	Pareve	① Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• National 1465 Approved when produced in USA	OUV3-D8FB30B	Pareve	U Symbol required.
• NATIONAL 150 Approved when produced in USA	OUV3-DE6D9AB	Pareve	① Symbol required.
• National 150 Approved when produced in USA	OUV3-3ABAA65	Pareve	U Symbol required.
• NATIONAL 1502 Approved when produced in USA.	OUV3-72BCA93	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	_
Brand: Ingredion (continued)				
• NATIONAL 1545 Approved when produced in USA.	OUV3-8F819C2	Pareve	① Symbol required.	
• NATIONAL 1560 Approved when produced in USA.	OUV3-8A85C36	Pareve	U Symbol required.	
• NATIONAL 1639 Approved when produced in USA.	OUV3-36273D3	Pareve	U Symbol required.	
• NATIONAL 1658 Approved when produced in USA.	OUV3-61485DB	Pareve	① Symbol required.	

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Merachu Skack

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 1675 Approved when produced in USA.	OUV3-CE44F36	Pareve	① Symbol required.
• NATIONAL 17 Approved when produced in USA.	OUV3-A085E61	Pareve	① Symbol required.
• NATIONAL 1779 Approved when produced in USA.	OUV3-01B61C5	Pareve	① Symbol required.
• NATIONAL 1900 Approved when produced in USA.	OUV3-0BAB332	Pareve	① Symbol required.

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Merachu Skack

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• NATIONAL 1964 Approved when produced in USA.	OUV3-A2C4CAD	Pareve	U Symbol required.	
• NATIONAL 2001 Approved when produced in USA.	OUV3-F1D54E5	Pareve	① Symbol required.	
• NATIONAL 2068 Approved When Produced In USA	OUV3-01A91E7	Pareve	① Symbol required.	
• NATIONAL 208 Approved when produced in USA.	OUV3-7DA600B	Pareve	U Symbol required.	

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Meraehu Seack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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בס"ד

UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 2458 Approved when produced in USA	OUV3-61AC4CB	Pareve	U Symbol required.
• NATIONAL 2700 Product of USA	OUV3-2EE305E	Pareve	① Symbol required.
• NATIONAL 298 FG Approved when produced in USA.	OUV3-25FADD1	Pareve	U Symbol required.
• NATIONAL 320 Approved when produced in USA.	OUV3-B0BEEEE	Pareve	① Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Merachen Strack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 3700 Product with Batch code with 3rd character beginning with a number o 3500-3599 does not require rabbi's signature.	OUV3-A6BC1A3 r I and sequence # be	Pareve tween	U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• NATIONAL 377 Approved when produced in USA.	OUV3-8E943D0	Pareve	① Symbol required.
• NATIONAL 3782 A Approved when produced in USA.	OUV3-5D68E8E	Pareve	① Symbol required.
• NATIONAL 4012 Approved when produced in USA.	OUV3-6D363D4	Pareve	① Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			_
• NATIONAL 4302 Approved when produced in USA. Product packed in 1 metric ton bag of	OUV3-97DDF20 loes not require OU S	Pareve ymbol.	U Symbol required.
• NATIONAL 46 Approved when produced in USA.	OUV3-AFB9ADB	Pareve	U Symbol required.
• NATIONAL 465 Approved when product of USA.	OUV3-0AC7553	Pareve	U Symbol required.
• NATIONAL 50-1114 Approved when produced in USA.	OUV3-1A2F232	Pareve	U Symbol required.

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Meraehu Seack

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Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 50-1310 Approved when produced in USA	OUV3-351DF0D	Pareve	① Symbol required.
• NATIONAL 501687 Approved when produced in USA.	OUV3-9387BEE	Pareve	U Symbol required.
• NATIONAL 50-3105 Acceptable if third character is a number. Product with third character needs Rabbi's signature unless the following number sequence is between	v · ·	C	U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• NATIONAL 50-3110 Approved when produced in USA.	OUV3-14E8C0F	Pareve	① Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued) • NATIONAL 50-5702 Approved when produced in USA.	OUV3-9A33BCC	Pareve	① Symbol required.	
• NATIONAL 50-5739 Approved when produced in USA.	OUV3-FB0178A	Pareve	① Symbol required.	
• NATIONAL 522185 Approved when produced in USA.	OUV3-185525F	Pareve	① Symbol required.	
• NATIONAL 522186 Approved when produced in USA.	OUV3-3F7CCB3	Pareve	U Symbol required.	

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Merachu Skack

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Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)	OLIVA DDOGEDO	D	
• NATIONAL 522188 Approved When Produced In USA.	OUV3-BD9CFB9	Pareve	(U) Symbol required.
• NATIONAL 54-4921 Product of USA.	OUV3-CFAD401	Pareve	U Symbol required.
• NATIONAL 55-1479 Approved When Produced In The USA	OUV3-B3BFD27	Pareve	① Symbol required.
• NATIONAL 55-1897 Approved when produced in USA.	OUV3-CBF077A	Pareve	U Symbol required.

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Menachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 5707 Approved when produced in USA.	OUV3-2901565	Pareve	U Symbol required.
• NATIONAL 5708 Approved when produced in USA.	OUV3-159E800	Pareve	① Symbol required.
• NATIONAL 5730 Approved when produced in USA.	OUV3-EFCB96F	Pareve	U Symbol required.
• NATIONAL 5737 Approved when produced in USA.	OUV3-08169D6	Pareve	① Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• National 60 Approved when produced in USA.	OUV3-4774266	Pareve	① Symbol required.
• NATIONAL 636 HV Approved when produced in USA .	OUV3-D4FECC0	Pareve	① Symbol required.
• NATIONAL 6525 Approved when produced in USA.	OUV3-E7183F1	Pareve	① Symbol required.
• NATIONAL 6750 Approved when produced in USA.	OUV3-CCD0EFE	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 6782 Approved when produced in USA.	OUV3-50F8E07	Pareve	U Symbol required.
• NATIONAL 6911 Approved when produced in USA.	OUV3-2E09DC6	Pareve	① Symbol required.
• NATIONAL 6912 Approved when produced in USA.	OUV3-FBA3577	Pareve	① Symbol required.
• NATIONAL 6934 Approved when produced in the USA.	OUV3-E25CCDF	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 7 Approved when produced in USA.	OUV3-96EDDD3	Pareve	① Symbol required.
• NATIONAL 711 Approved when produced in USA.	OUV3-8D0B64C	Pareve	① Symbol required.
• NATIONAL 740 Approved when produced in USA.	OUV3-0307CF0	Pareve	① Symbol required.
• NATIONAL 75 Approved when produced in USA.	OUV3-459BA1E	Pareve	① Symbol required.

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Merachu Skack

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 77-1744 Approved when produced in USA.	OUV3-474736B	Pareve	① Symbol required.
• NATIONAL 77-1760 Approved when produced in USA.	OUV3-6564202	Pareve	① Symbol required.
• NATIONAL 77-1760 Acceptable if third character is a number. Product with third character needs Rabbi's signature unless the following number sequence is between			U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• NATIONAL 77-1814 Approved when produced in USA.	OUV3-23BE8A8	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 77-1831 Approved when produced in USA .	OUV3-46B50DB	Pareve	U Symbol required.
• NATIONAL 77-1833 Approved when produced in USA. Product with third character of lot c need rabbi's signature. If third character is a number, then signature needs		Pareve tter I	U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• NATIONAL 77-1847 Approved when produced in USA .	OUV3-AEBF1F5	Pareve	U Symbol required.
• NATIONAL 77-1857 Approved when produced in USA .	OUV3-3DE6E48	Pareve	U Symbol required.

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Merachen Strack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				_
• NATIONAL 77-1865 Approved when produced in USA .	OUV3-338944D	Pareve	U Symbol required.	
• NATIONAL 77-1869 Approved when produced in USA.	OUV3-834475F	Pareve	① Symbol required.	
• NATIONAL 77-1877 Approved when produced in USA.	OUV3-B6C2F86	Pareve	① Symbol required.	
• NATIONAL 77-1897 (NON FOOD GRADE) Approved when produced in USA.	OUV3-69BCFF1	Pareve	U Symbol required.	

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Meraehu Seack

This certification is valid through 12/31/2022

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0149 Approved when produced in USA.	OUV3-F9FB216	Pareve	U Symbol required.
• NATIONAL 78-0188 Approved when produced in USA.	OUV3-11C981C	Pareve	① Symbol required.
• NATIONAL 78-0203 Approved when produced in USA.	OUV3-C25B901	Pareve	① Symbol required.
• NATIONAL 78-0226 Approved when produced in USA.	OUV3-7168E0E	Pareve	U Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0233 Approved when produced in USA.	OUV3-DD6B9FD	Pareve	① Symbol required.
• NATIONAL 78-0256 Approved when produced in the USA.	OUV3-262A051	Pareve	① Symbol required.
• NATIONAL 78-0257 Approved when produced in USA.	OUV3-7364917	Pareve	① Symbol required.
• NATIONAL 780296 Approved when produced in USA.	OUV3-684F649	Pareve	① Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0432 Approved when produced in USA.	OUV3-C59DA5B	Pareve	U Symbol required.
• NATIONAL 78-0466 Approved when produced in USA.	OUV3-AC14837	Pareve	① Symbol required.
• NATIONAL 78-0510 Approved when produced in USA .	OUV3-2D1BF3A	Pareve	① Symbol required.
• NATIONAL 78-0515 Approved when produced in USA.	OUV3-D9FB731	Pareve	U Symbol required.

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Merachen Strack

This certification is valid through 12/31/2022

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0528 Approved when produced in USA.	OUV3-543ACBB	Pareve	U Symbol required.
• NATIONAL 78-0530 Approved when produced in USA .	OUV3-10539C7	Pareve	① Symbol required.
• NATIONAL 78-0532 Approved when produced in USA.	OUV3-121D7C7	Pareve	U Symbol required.
• NATIONAL 78-0540 Approved when produced in USA.	OUV3-9328D88	Pareve	U Symbol required.

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Merachu Skack

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0576 Approved when produced in USA.	OUV3-844A4CA	Pareve	U Symbol required.
• NATIONAL 78-0595 Approved when produced in USA.	OUV3-4C295B5	Pareve	U Symbol required.
• NATIONAL 78-0597 Approved when produced in USA .	OUV3-63D07B0	Pareve	① Symbol required.
• NATIONAL 78-0619 Approved when produced in USA.	OUV3-60A0CFE	Pareve	U Symbol required.

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Merachen Strack

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0620 Approved when produced in USA .	OUV3-2F3E37E	Pareve	U Symbol required.
• NATIONAL 78-0621 Approved when produced in USA.	OUV3-552E2EF	Pareve	① Symbol required.
• NATIONAL 78-0622 Approved when produced in USA .	OUV3-81A157C	Pareve	① Symbol required.
• NATIONAL 78-0626 Approved when produced in USA.	OUV3-7336E24	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0632 Approved when produced in USA.	OUV3-D000C57	Pareve	U Symbol required.
• NATIONAL 780708 Approved When Produced In The USA	OUV3-ED4188F	Pareve	U Symbol required.
• NATIONAL 78-0720 Approved when produced in USA .	OUV3-4E22082	Pareve	U Symbol required.
• NATIONAL 78-0724 Approved when produced in USA.	OUV3-94300A0	Pareve	① Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0746 Approved when produced in USA.	OUV3-8CC4513	Pareve	U Symbol required.
• NATIONAL 78-0764 Approved when produced in USA.	OUV3-CCCABD5	Pareve	U Symbol required.
• NATIONAL 78-0778 Approved when produced in USA.	OUV3-BADCDB2	Pareve	① Symbol required.
• NATIONAL 78-0783 Approved when produced in USA.	OUV3-05BFD62	Pareve	U Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-0793 Approved when produced in USA.	OUV3-2E9A4CF	Pareve	U Symbol required.
• NATIONAL 78-0849 Approved when produced in USA.	OUV3-312CAC5	Pareve	① Symbol required.
• NATIONAL 78-0850 Approved when produced in USA .	OUV3-2281EE3	Pareve	① Symbol required.
• NATIONAL 78-0853 Approved when produced in USA.	OUV3-6AEB12F	Pareve	U Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 78-1551 Approved when produced in USA.	OUV3-62A855D	Pareve	U Symbol required.
• NATIONAL 8 Approved when produced in USA.	OUV3-58FC702	Pareve	① Symbol required.
• NATIONAL 8055 Approved when produced in USA .	OUV3-BC9AEA3	Pareve	① Symbol required.
• NATIONAL 814 Approved when produced in USA.	OUV3-24A2854	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 837 Approved when produced in USA.	OUV3-2202304	Pareve	U Symbol required.
• National 838 Approved when produced in USA	OUV3-DFE154D	Pareve	① Symbol required.
• NATIONAL 8681 Product of USA	OUV3-5E22181	Pareve	① Symbol required.
• NATIONAL 88 Approved when produced in USA.	OUV3-B45AA14	Pareve	① Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL 9025 Approved when produced in USA.	OUV3-C9C8485	Pareve	U Symbol required.
• NATIONAL 912 Approved when produced in USA.	OUV3-6F53472	Pareve	① Symbol required.
• NATIONAL 9988 Approved when produced in USA.	OUV3-3E1C41E	Pareve	① Symbol required.
• NATIONAL AR 86 Approved when produced in USA.	OUV3-5E97EFC	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL BR Approved when produced in USA.	OUV3-3264D04	Pareve	U Symbol required.
• NATIONAL DSR Approved when produced in USA.	OUV3-A8C1AA1	Pareve	① Symbol required.
• NATIONAL DY 1001 Product of USA	OUV3-EA0ED93	Pareve	① Symbol required.
• NATIONAL ELASTITEX Approved When Produced In USA	OUV3-4DC1A41	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL FRIGEX (R) CL Approved when produced in USA .	OUV3-0EDC1FF	Pareve	U Symbol required.
• NATIONAL FRIGEX (R) HV Approved when produced in USA.	OUV3-05F4B8C	Pareve	① Symbol required.
• NATIONAL FRIGEX (R) K Approved when produced in USA.	OUV3-E16DE14	Pareve	① Symbol required.
• NATIONAL G830 Approved when produced in USA.	OUV3-429E0BB	Pareve	① Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL G860 Approved when produced in USA.	OUV3-2ACA28B	Pareve	U Symbol required.
• NATIONAL LCB Product of USA	OUV3-71B98BD	Pareve	U Symbol required.
• NATIONAL M2 Approved when produced in USA.	OUV3-BA3DBC5	Pareve	① Symbol required.
• NATIONAL M3 Approved when produced in USA.	OUV3-7019601	Pareve	U Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL MPT Approved When Produced In USA	OUV3-505AC7F	Pareve	U Symbol required.
• NATIONAL PB3 Approved when produced in USA.	OUV3-91B8C52	Pareve	① Symbol required.
• NATIONAL PB4 Approved when produced in USA.	OUV3-A07326E	Pareve	① Symbol required.
• NATIONAL SCI Approved when produced in USA.	OUV3-67BFFFA	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NATIONAL SI Approved when produced in USA.	OUV3-E840BA0	Pareve	U Symbol required.
• NATIONAL SM100 Approved when produced in USA	OUV3-392A662	Pareve	① Symbol required.
• NATIONAL T37 Approved when produced in USA.	OUV3-B45A306	Pareve	① Symbol required.
• Naviance (TM) Instant Maize 28082A Approved when produced in USA.	OUV3-02E1C79	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• Naviance (TM) Tapoioca P Product of USA	OUV3-1FEBE92	Pareve	U Symbol required.
• Naviance (TM) Tapoioca P28081A Approved when produced in USA	OUV3-78DD6F7	Pareve	① Symbol required.
• Naviance(TM) Instant Maize Product of USA	OUV3-14FD89B	Pareve	① Symbol required.
• N-CREAMER 115 Approved when produced in USA	OUV3-B645BE6	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• N-CREAMER 46 Approved when produced in USA.	OUV3-0AED762	Pareve	U Symbol required.
• N-CREAMER 46L Approved when produced in USA.	OUV3-76C51B4	Pareve	① Symbol required.
• N-CREAMER 46SD Approved when produced in USA.	OUV3-9C5C179	Pareve	① Symbol required.
• N-CREAMER 46SDLS Approved When Produced In The USA	OUV3-EE24996	Pareve	U Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• N-CREAMER 46SDS Approved when produced in USA.	OUV3-0769A84	Pareve	U Symbol required.
• N-DULGE [TM] C2 Approved when produced in USA.	OUV3-85A1DB2	Pareve	① Symbol required.
• N-DULGE [TM] SA1 Approved when produced in USA.	OUV3-E94D964	Pareve	U Symbol required.
• N-FLATE Approved when produced in USA.	OUD3-C622E13	Dairy	U-D Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.

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Merachu Seach

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• N-HANCE 59 Approved when produced in USA	OUV3-1CD3C18	Pareve	U Symbol required.
• N-LITE (R) D Approved when produced in USA	OUV3-2AE427F	Pareve	① Symbol required.
• N-LITE (R) L Approved when produced in USA.	OUV3-E04D23C	Pareve	① Symbol required.
• N-LITE (R) LP Approved when produced in USA.	OUV3-CE4394C	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• N-LOK (R) Approved when produced in USA.	OUV3-308E35E	Pareve	① Symbol required.
• N-LOK (R) 1930 Approved when produced in USA.	OUV3-7D5A7CA	Pareve	① Symbol required.
• NOVATION (R) 1600 Approved when produced in Germany	OUV3-CD1DDDF	Pareve	① Symbol required.
• NOVATION (R) 2300 Approved when produced in USA	OUV3-EA4CD3F	Pareve	① Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NOVATION (R) 2600 Approved when produced in USA.	OUV3-46E5233	Pareve	U Symbol required.
• NOVATION (R) 2700 Approved when produced in USA.	OUV3-6BE5E17	Pareve	① Symbol required.
• NOVATION (R) 3300 Approved when produced in USA.	OUV3-1825F3E	Pareve	① Symbol required.
• NOVATION (R) 3600 Approved when produced in USA.	OUV3-D3FBA56	Pareve	① Symbol required.

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Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NOVATION (R) 4086 Approved when produced in USA.	OUV3-C75EC10	Pareve	U Symbol required.
• NOVATION (R) 4600 Approved when produced in USA .	OUV3-C3AC185	Pareve	① Symbol required.
• NOVATION (R) 4600-OC Approved when produced in USA .	OUV3-ED68534	Pareve	① Symbol required.
• NOVATION (R) 5600 Approved when produced in USA .	OUV3-BF1A6BE	Pareve	① Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued) • NOVATION (R) 6600 Approved when produced in USA.	OUV3-BCE356D	Pareve	Symbol required.	
• NOVATION (R) 8300 Approved when produced in USA	OUV3-555C33D	Pareve	U Symbol required.	
• NOVATION (R) 9230 Approved when produced in USA.	OUV3-345E71A	Pareve	U Symbol required.	
• NOVATION (R) 9260 Approved when produced in USA.	OUV3-E077003	Pareve	U Symbol required.	

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued) • NOVATION (R) 9270	OUV3-F8E131A	Pareve	① Symbol required.	
 Approved when produced in USA. NOVATION (R) 9460 Approved when produced in USA. 	OUV3-554C3E1	Pareve	Symbol required.	
• NOVATION (R) 9560 Approved when produced in USA.	OUV3-072DEBE	Pareve	① Symbol required.	
• NOVATION (R) PRIMA 300 Approved when produced in USA.	OUV3-3839CBC	Pareve	① Symbol required.	

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued) • NOVATION (R) PRIMA 600 Approved when produced in USA.	OUV3-5BEE92E	Pareve	① Symbol required.	_
• NOVATION ® Indulge 3320 Approved when produced in USA	OUV3-F9D86C2	Pareve	U Symbol required.	
• NOVATION ® INDULGE 3340 Approved when produced in USA	OUV3-578B947	Pareve	① Symbol required.	
• Novation Indulge 2550 Approved when produced in USA	OUV3-BE75412	Pareve	① Symbol required.	

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Meraehu Seack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NOVATION® 8600 Approved when product of Germany.	OUV3-35DC7ED	Pareve	① Symbol required.
• NOVATION® Indulge 2920 Approved when produced in USA.	OUV3-2C511E1	Pareve	① Symbol required.
• NOVATION® Lumina 0100 Approved when produced in USA	OUV3-4A72B7C	Pareve	① Symbol required.
• NOVATION® Lumina 300	OUV3-F008E46	Pareve	U Symbol required.
• NOVATION® Lumina 600	OUV3-7432765	Pareve	U Symbol required.
• NOVATION® PRIMA 303 Approved when produced in Thailand.	OUV3-99DC58A	Pareve	① Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued) • NOVATION® PRIMA 340 Approved when produced in USA.	OUV3-E574DB9	Pareve	① Symbol required.	
• NOVATION® Prima 350 Approved when produced in USA.	OUV2-KI2YNBG	Pareve	Symbol not required.	
• NOVATION® Prima 350 Approved when produced in USA.	OUV3-82573D0	Pareve	① Symbol required.	
• NOVATION®1600 Approved when produced in USA.	OUV3-7CFAB26	Pareve	① Symbol required.	

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Meraehu Seack

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NOVELOSE (R) 240J Approved when produced in USA.	OUV3-B606052	Pareve	U Symbol required.
• NOVELOSE (R) 260J Approved when produced in USA .	OUV3-2737F51	Pareve	U Symbol required.
• NOVELOSE (R) 330 Approved when produced in USA.	OUV3-CA83F70	Pareve	① Symbol required.
• NOVELOSE® 240J	OUV3-FFB9642	Pareve	U Symbol required.
• N-TACK Approved when produced in USA.	OUV3-0B03E0E	Pareve	U Symbol required.

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Merachu Skack

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Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• NU MOULD OC 10 Approved when produced in USA.	OUV3-7D4A6D3	Pareve	U Symbol required.
• NU MOULD OC 20 Approved when produced in USA.	OUV3-8487935	Pareve	① Symbol required.
• NUMOULD Approved when produced in USA.	OUV3-64F657D	Pareve	① Symbol required.
• NUTRIOSE FM06 Approved when produced in France.	OUV3-CE52C42	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• N-ZORBIT (R) M Approved when produced in USA.	OUV2-959A493	Pareve	Symbol not required.	
• OPTAMYL (R) Approved when produced in the USA.	OUV3-1238941	Pareve	① Symbol required.	
• OPTAMYL (R) A Approved when produced in USA.	OUV3-4481861	Pareve	① Symbol required.	
• OPTAMYL(R) SP Approved when produced in USA.	OUV3-BB63D85	Pareve	① Symbol required.	

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Merachen Strack

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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• OptiBOND[TM] Approved when produced in the USA. Also approved when shipped in r	OUV3-460340D ail hopper car.	Pareve	① Symbol required.
• OptiPLUS (TM) Approved when produced in USA.	OUV3-BD4757C	Pareve	① Symbol required.
• PenCrisp® 905	OUV3-40F26CB	Pareve	U Symbol required.
• PenPure 80 Product of Germany. Re-packed in US.	OUV3-B3757C6	Pareve	① Symbol required.
• PenPure 85D Product of Germany. Re-packed in US.	OUV3-2B2B320	Pareve	U Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PENPURE® 30	OUV3-BF7157D	Pareve	U Symbol required.
Approved when produced in Thailand.			
• PENPURE® 55	OUV3-DB7EF37	Pareve	U Symbol required.
• PENTECH® 7000	OUV3-8CA28C1	Pareve	U Symbol required.
• POTATO STARCH	OUV3-53996E7	Pareve	U Symbol required.
Approved when produced in USA.			
• PQC- 830	OUV3-CE93B7F	Pareve	U Symbol required.
Approved when produced in USA.			
• PQC- 834	OUV3-9D1010C	Pareve	U Symbol required.
Approved when produced in USA.			

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• Precisa ® Cling 20 Approved when produced in USA.	OUV3-EDBEFD9	Pareve	U Symbol required.
• Precisa ® Cling 20i Approved when produced in USA.	OUV3-F5E2281	Pareve	① Symbol required.
• Precisa ® Cling 50 Approved when produced in USA.	OUV3-8E15A2C	Pareve	① Symbol required.
• Precisa ® Cream 10 Approved when produced in USA.	OUV3-E540B10	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• Precisa ® Cream 20 Approved when produced in the USA	OUV3-D459845	Pareve	U Symbol required.
• Precisa ® Cream 20i	OUV3-7953F3B	Pareve	U Symbol required.
• Precisa ® Cream 50 Approved when produced in the USA	OUV3-7C48751	Pareve	① Symbol required.
• PRECISA CRISP 4210 Approved when produced in USA.	OUV2-1604818	Pareve	Symbol not required.
• PRECISA CRISP 4210 Approved when produced in USA.	OUV3-3916701	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• PRECISA Flo 30 Approved when produced in USA	OUV3-7859128	Pareve	U Symbol required.	
• PRECISA® 600 Approved when produced in USA	OUV3-656D79B	Pareve	① Symbol required.	
• PRECISA® 601 Approved when produced in USA.	OUV3-F5DE1B4	Pareve	① Symbol required.	
• PRECISA® 602 Approved when produced in USA	OUV3-E44D73C	Pareve	① Symbol required.	

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				_
• PRECISA® Bake 100 Approved when produced in USA.	OUV3-24A12C8	Pareve	① Symbol required.	
• PRECISA® Crisp 31 Approved when produced in USA	OUV3-4C09BDC	Pareve	① Symbol required.	
• PRECISA® CRISP 320 Approved when produced in USA.	OUV3-92CFF0D	Pareve	① Symbol required.	
• PURE FLO (R) Approved when produced in USA.	OUV3-639407E	Pareve	① Symbol required.	

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) 1 Approved when produced in USA.	OUV3-5B6CD76	Pareve	U Symbol required.
• PURITY (R) 21 C Approved when produced in USA.	OUV3-FC049A4	Pareve	U Symbol required.
• PURITY (R) 21A Approved when produced in USA.	OUV3-FE0177F	Pareve	① Symbol required.
• PURITY (R) 21C Approved when produced in USA.	OUV3-C02A674	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) 21D Approved when produced in USA.	OUV3-14C1501	Pareve	U Symbol required.
• PURITY (R) 21T Approved when produced in USA.	OUV3-282C93C	Pareve	① Symbol required.
• PURITY (R) 26 Approved when produced in USA.	OUV3-F66B095	Pareve	① Symbol required.
• PURITY (R) 270 Approved when produced in USA.	OUV3-6853039	Pareve	U Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) 4 Approved when produced in USA.	OUV3-996421F	Pareve	U Symbol required.
• PURITY (R) 420 Approved when produced in USA.	OUV3-205E362	Pareve	① Symbol required.
• PURITY (R) 5 Approved when produced in USA.	OUV3-ADE8F39	Pareve	① Symbol required.
• PURITY (R) 550 Approved when produced in USA.	OUV3-2EC8064	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) 660 Approved when produced in USA.	OUV3-DB26F61	Pareve	U Symbol required.
• PURITY (R) 69 Approved when produced in USA.	OUV3-27F7154	Pareve	① Symbol required.
• PURITY (R) 690 FG Approved when produced in USA.	OUV3-388E379	Pareve	① Symbol required.
• PURITY (R) 77 Approved when produced in USA.	OUV3-4153E19	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) 77 HV Approved when produced in USA.	OUV3-DD34774	Pareve	U Symbol required.
• PURITY (R) 825 Approved when produced in USA.	OUV3-AA65B29	Pareve	① Symbol required.
• PURITY (R) 87 Approved when produced in USA.	OUV3-64B57FA	Pareve	U Symbol required.
• PURITY (R) 90 Approved when produced in USA.	OUV3-AFF5C5C	Pareve	U Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) 92 Approved when produced in USA.	OUV3-9878658	Pareve	U Symbol required.
• PURITY (R) 9200 Approved when produced in USA.	OUV3-F749E09	Pareve	① Symbol required.
• PURITY (R) CLOUD Approved when produced in USA.	OUV3-1B83FA8	Pareve	① Symbol required.
• PURITY (R) CSC Approved when produced in USA.	OUV3-78B2563	Pareve	① Symbol required.

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Merachen Strack

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) D Approved when produced in USA.	OUV3-3BC6753	Pareve	U Symbol required.
• PURITY (R) DA Approved when produced in USA.	OUV3-C2ECA03	Pareve	U Symbol required.
• PURITY (R) DAA Approved when produced in USA.	OUV3-49BB8F8	Pareve	① Symbol required.
• PURITY (R) FC Approved when produced in USA.	OUV3-A4A7357	Pareve	U Symbol required.

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) GUM 1773 Approved when produced in USA.	OUV3-BDC1C29	Pareve	U Symbol required.
• PURITY (R) HO Approved when produced in USA	OUV3-5E530BE	Pareve	① Symbol required.
• PURITY (R) HPC Approved when produced in USA.	OUV3-1B1C5B1	Pareve	① Symbol required.
• PURITY (R) LFS Approved when produced in USA.	OUV3-8D33BCA	Pareve	U Symbol required.

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Merachen Strack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) MAC Approved when produced in USA.	OUV3-66950B5	Pareve	U Symbol required.
• PURITY (R) NCS A Approved when produced in USA.	OUV3-58E2FE0	Pareve	① Symbol required.
• PURITY (R) SM100 Approved when produced in USA.	OUV3-B093DE8	Pareve	① Symbol required.
• PURITY (R) SM110 Approved when produced in USA.	OUV3-5E49B73	Pareve	U Symbol required.

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Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY (R) SUV Approved when produced in USA.	OUV3-30BBECA	Pareve	U Symbol required.
• PURITY (R) TF Approved when produced in USA.	OUV3-E170440	Pareve	U Symbol required.
• PURITY (R) W Approved when produced in USA.	OUV3-6B9A40B	Pareve	① Symbol required.
• PURITY (R) W DRIED Approved when produced in USA.	OUV3-4D18CFA	Pareve	U Symbol required.

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Merachu Skack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• PURITY (R) WS Approved when produced in USA.	OUV3-0FC8292	Pareve	① Symbol required.	
• PURITY GUM (TM) Ultra Approved when produced in the USA	OUV3-9DA351F	Pareve	① Symbol required.	
• PURITY GUM [TM] 2000 Approved when produced in USA.	OUV3-DD16A83	Pareve	① Symbol required.	
• PURITY GUM [TM] 539 Approved when produced in USA.	OUV3-0A7E19F	Pareve	① Symbol required.	

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY GUM [TM] 59 Approved when produced in USA.	OUV3-66A47CF	Pareve	U Symbol required.
• PURITY GUM® BE Approved when produced in USA.	OUV3-60357CF	Pareve	① Symbol required.
• PURITY GUM® ULTRA Approved when produced in USA.	OUV3-9D75BF5	Pareve	① Symbol required.
• PURITY PE Approved when produced in USA.	OUV3-107F808	Pareve	U Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• PURITY® C-4 Approved when produced in USA.	OUV3-4B6A6C3	Pareve	U Symbol required.
• PURITY® FC (TrueTrace®, IP) Approved when produced in USA	OUV3-658BB71	Pareve	① Symbol required.
• PURITY® P 1002 Pea Starch Approved when produced in USA	OUV3-B56395D	Pareve	① Symbol required.
• QUICK-SPERSE Approved when produced in USA.	OUV3-7643226	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• QUICKSPERSE HV Approved When Produced In USA	OUV3-2A555C6	Pareve	U Symbol required.
• RediBOND (R) Approved when produced in USA.	OUV3-92CE7F2	Pareve	① Symbol required.
• RediFILM (R) Approved when produced in USA.	OUV3-A28C218	Pareve	U Symbol required.
• RediSIZE (R) Approved when produced in USA.	OUV3-CDBBB05	Pareve	U Symbol required.

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Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• STIR-N-SET (R) FG Approved when produced in USA.	OUV3-63B169A	Pareve	① Symbol required.
• STRUCT-SURE 10 Approved when produced in USA.	OUV3-91E0E27	Pareve	① Symbol required.
• STRUCT-SURE 20 Approved when produced in USA.	OUV3-0C4420A	Pareve	① Symbol required.
• STRUCTURE (R) XL Approved when produced in USA.	OUV3-8C2D801	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued) • STRUCTURE (R) ZEA Approved when produced in USA.	OUV3-2BF9BB0	Pareve	① Symbol required.	
• STRUCTURECOTE Approved when produced in USA.	OUV3-A4B3554	Pareve	① Symbol required.	
• STRUCTURECOTE 1887 (R) Approved when produced in USA.	OUV3-32E310D	Pareve	① Symbol required.	
• STRUCTURECOTE 1889 (R) Approved when produced in USA.	OUV3-DDA3A85	Pareve	① Symbol required.	

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• SUPER PURITY (R) 1 Approved when produced in USA.	OUV3-BC3E84D	Pareve	① Symbol required.
• SUPERSET (R) LV Approved when produced in USA.	OUV3-7C38003	Pareve	① Symbol required.
• SURE-TEX (R) 88 Approved when produced in USA.	OUV3-F4C1249	Pareve	U Symbol required.
• TAPIOCA STARCH Approved when produced in USA.	OUV3-CFBC6A0	Pareve	① Symbol required.

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Meraehu Seack

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
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December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• TEXTAID (R) A Approved when produced in USA.	OUV3-55E284B	Pareve	U Symbol required.
• TEXTRA (R) Approved when produced in USA.	OUV3-36659C3	Pareve	① Symbol required.
• TEXTRA (R) PLUS Approved when produced in USA.	OUV3-F3D7DE2	Pareve	① Symbol required.
• THERMFLO (R) Approved when produced in USA.	OUV3-86B57E7	Pareve	① Symbol required.

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Merachu Skack

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Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• THERMFLO (R) HV Approved when produced in USA.	OUV3-F21356B	Pareve	U Symbol required.
• THERMTEX (R) Approved when produced in USA.	OUV3-0A29B95	Pareve	① Symbol required.
• THICKENUP (R) Approved when produced in USA.	OUV3-110C688	Pareve	① Symbol required.
• Ultra-Create Approved when produced in USA.	OUV3-8E043DA	Pareve	① Symbol required.

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Merachen Strack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• ULTRA-CRISP CS Approved when produced in USA.	OUV3-25C5CAF	Pareve	U Symbol required.	
• ULTRA-PURE (R) GA Approved when produced in USA.	OUV3-4723AE4	Pareve	① Symbol required.	
• ULTRA-SET® LT Approved when produced in USA.	OUV3-9196C2E	Pareve	① Symbol required.	
• ULTRA-SPERSE (R) Approved when produced in USA.	OUV3-37DA4D7	Pareve	U Symbol required.	

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Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ULTRA-SPERSE (R) 2000 Approved when produced in USA .	OUV3-0AFEE84	Pareve	U Symbol required.
• ULTRA-SPERSE (R) 3 Approved when produced in USA.	OUV3-AD158E0	Pareve	U Symbol required.
• ULTRA-SPERSE (R) 340 Approved when produced in USA .	OUV3-2D1AA56	Pareve	U Symbol required.
• ULTRA-SPERSE (R) 5 Acceptable if third character is a number. Product with third character needs Rabbi's signature unless the following number sequence is between		_	U Symbol required.

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Merachu Skack

This certification is valid through 12/31/2022

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ULTRA-SPERSE (R) 8 Approved when produced in USA.	OUV3-7E22EB0	Pareve	① Symbol required.
• ULTRA-SPERSE (R) A Approved when produced in USA.	OUV3-9925CDD	Pareve	U Symbol required.
• ULTRA-SPERSE (R) HV Approved when produced in USA.	OUV3-FCF4B22	Pareve	① Symbol required.
• ULTRA-SPERSE (R) IMF Acceptable if third character is a number. Product with third character needs Rabbi's signature unless the following number sequence is bet or 2000-2099.			U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.

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Meraehu Seack

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ULTRA-SPERSE (R) M	OUV3-427570B	Pareve	U Symbol required.
Products made from December 2009 and onwards do not need lot letter	or rabbi's signature.		
• ULTRA-SPERSE (R) SR	OUV3-128F24C	Pareve	U Symbol required.
Approved when produced in USA.			
• ULTRA-TEX (R) 1	OUV3-602C892	Pareve	U Symbol required.
Approved when produced in USA.			
• ULTRA-TEX (R) 2	OUV3-5B4EDCF	Pareve	U Symbol required.
Approved when produced in USA.			•

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• ULTRA-TEX (R) 2000 Approved when produced in USA.	OUV3-B328944	Pareve	U Symbol required.
• ULTRA-TEX (R) 3 Approved when produced in USA.	OUV3-0BF8F89	Pareve	① Symbol required.
• ULTRA-TEX (R) 3J Approved when produced in USA.	OUV3-6C87A0A	Pareve	U Symbol required.
• ULTRA-TEX (R) 4 Approved when produced in USA.	OUV3-2D9CA71	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued) • ULTRA-TEX (R) 8 Approved when produced in USA.	OUV3-A9AC911	Pareve	① Symbol required.
• ULTRA-TEX (R) HV Approved when produced in USA.	OUV3-9694794	Pareve	① Symbol required.
• ULTRA-TEX (R) IMF Product Of USA	OUV3-CCD50FC	Pareve	① Symbol required.
• ULTRA-TEX (R) SR Approved when produced in USA.	OUV3-96C19E0	Pareve	① Symbol required.

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• ULTRA-TEX(R) 4 Approved when produced in the USA.	OUV3-FDF1E4B	Pareve	U Symbol required.	
• UNI-PURE (R) DT Approved when produced in USA.	OUV3-D26EEE9	Pareve	① Symbol required.	
• UNI-PURE (R) F Approved when produced in USA.	OUV3-2273EB0	Pareve	① Symbol required.	
• UNI-PURE (R) FL Approved when produced in USA.	OUV3-3EF4C59	Pareve	U Symbol required.	

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December 17, 2021

Ingredion Incorporated (continued)

This is to certify that the following product(s) prepared by this company at the facilitie(s) listed above are under the supervision of the Kashruth Division of the Orthodox Union and are kosher as indicated below.

Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion (continued)				
• UNI-PURE (R) FR Approved when produced in USA.	OUV3-0C023F1	Pareve	U Symbol required.	
• UNI-PURE (R) LD Approved When Produced In The USA	OUV3-49C48AA	Pareve	U Symbol required.	
• UNI-PURE (R) WG220 Product OF USA	OUV3-5F7A4E5	Pareve	① Symbol required.	
• UNI-PURE (R) WG59 Approved When Produced In The USA	OUV3-8739891	Pareve	① Symbol required.	

Use of the OU trademark must comply with the terms set forth in a written agreement with the Orthodox Union. Any other use of the OU trademark is not authorized.

Meraehu Seack

This certification is valid through 12/31/2022

Rabbi Menachem Genack, Rabbinic Administrator, CEO

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UNION OF ORTHODOX JEWISH CONGREGATIONS OF AMERICA איחוד קהילות האורתודוקסים באמריקה
ELEVEN BROADWAY / NEW YORK, NY 10004 / 212-613-8241 / KOSHERLETTER@OU.ORG / OUKOSHER.ORG

December 17, 2021

Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• VELOX (TM) 0472 Approved when produced in USA.	OUV3-83A70E3	Pareve	U Symbol required.
• VELOX (TM) 0987 Approved when produced in USA.	OUV3-89D0484	Pareve	U Symbol required.
• VERSAFIBE[TM] 2470 Approved when produced in USA.	OUV3-603680D	Pareve	① Symbol required.
• VERSAFIBE® 1490	OUV3-D2F213E	Pareve	U Symbol required.
• VERSA-SHEEN Approved when produced in USA.	OUV3-1B0FD3C	Pareve	U Symbol required.

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Merachu Skack

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Rabbi Menachem Genack, Rabbinic Administrator, CEO

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• VINAMYL (R) Approved when produced in the USA	OUV3-65D97D0	Pareve	① Symbol required.
• VINLON Approved when produced in USA.	OUV3-E41651A	Pareve	① Symbol required.
• VINTEX Approved when produced in the USA.	OUV3-4545E3A	Pareve	① Symbol required.
• VINTEX (R) 3374 Approved when produced in USA	OUV3-1893F86	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued)			
• Vitessence Pulse 1803 - Organic Pea Protein Approved when product of China.	OUV3-266BA3F	Pareve	U Symbol required.
• VITESSENCE Pulse 3600 Approved when produced in USA.	OUV3-6BB9F47	Pareve	U Symbol required.
VITESSENCE[TM] Pulse 1803 Pea Protein	OUV3-5263719	Pareve	U Symbol required.
• VITESSENCE TM Pulse 155030 Approved when produced in USA.	OUV3-0A1BFAE	Pareve	① Symbol required.
• VITESSENCE TM Pulse CT 3602 Approved when produced in USA.	OUV3-53CDE32	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion (continued) • WNA Approved when produced in USA.	OUV3-BDC3848	Pareve	① Symbol required.
Brand: Ingredion Incorporated • HOMECRAFT® Pulse 1103 Approved when produced in USA.	OUV3-EEF9233	Pareve	① Symbol required.
• HOMECRAFT® Pulse 1135 Approved when produced in USA	OUV3-D9D1F8E	Pareve	① Symbol required.
• HOMECRAFT® Pulse 3103 Approved when produced in USA	OUV3-CA9D6E0	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements
Brand: Ingredion Incorporated (continued)			
• Industrial Pea Starch Approved when produced in USA.	OUV3-C1788B4	Pareve	① Symbol required.
• N-ZORBIT[TM] 2144 DG Approved when produced in USA.	OUV3-8612FB5	Pareve	U Symbol required.
• PENPURE[TM] 37 Approved when produced in USA.	OUV3-2F38E6E	Pareve	① Symbol required.
• PENPURE® UM Approved when produced in the USA.	OUV3-219D2D0	Pareve	① Symbol required.

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Ingredion Incorporated (continued)

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion Incorporated (continued) • PURITY GUM[TM] 1773 Approved when produced in USA	OUV3-0CD8C88	Pareve	① Symbol required.	
• PURITY® Bio 201 Approved when produced in USA.	OUV2-03E7117	Pareve	Symbol not required.	
• SUREBOND® Modified Starch Approved when produced in USA.	OUV3-6A01CFB	Pareve	① Symbol required.	
• VITESSENCE Pulse 1550 Approved when produced in USA.	OUV3-62502BB	Pareve	① Symbol required.	

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Product Name	UKD-ID	Status	Certification Requirements	
Brand: Ingredion Incorporated (continued)				
• VITESSENCE Pulse 1853 (Pea Protein Isolate) Approved when produced in USA.	OUV2-CA29BFA	Pareve	Symbol not required.	
• VITESSENCE Pulse 2550 Approved when produced in USA.	OUV2-2F403E9	Pareve	Symbol not required.	
• VITESSENCE Pulse 3600 Approved when produced in USA	OUV3-3282EEF	Pareve	① Symbol required.	
• VITESSENCE® Pulse 1803C (Pea Protein Isolate) Approved when produced in USA.	OUV3-EEE22C9	Pareve	① Symbol required.	

Brand: PenFord

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Product Name	UKD-ID	Status	Certification Requirements
Brand: PenFord (continued)			
• PenBind 1700	OUV3-1QOIUSI	Pareve	U Symbol required.
PenNovo 00 Modified Food Starch	OUV3-X0BBTXV	Pareve	U Symbol required. Packaging/letter bears Rabbi's signature/stamp or OU numbered seal/sticker.
• Pentech GF 101-PM	OUV3-C1H7QAH	Pareve	U Symbol required.
• Pentech GF 303	OUV3-DHFBMRG	Pareve	U Symbol required.
• PenTech GF TTB (N) 101	OUV3-XUCYMTL	Pareve	U Symbol required.
Brand: PRESISATM			
• PRESISA TM CLING 30	OUV3-70A9138	Pareve	U Symbol required.

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Merachen Strack

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