

INGREDION INCORPORATED

CERTIFICATE OF ANALYSIS

Date: 06/16/2023

Customer Name & Address

Vendor Shipment Address

**3010 NIEMAN AVENUE
BALTIMORE MD 21230
USA**

Customer Shipment Information

Customer # :
Customer PO # :
Customer Ref# :
Customer Material # :

Attention to:

Old TIC code

GUAR 8/24

Material : **38330908CA TIC Pretested Guar Gum 8/24 Powder 50 LB**

Lot No. : **68044767**

Date manufactured : **05/15/2022**

| Analysis | Unit | Results | Minimum | Maximum |
|-------------------------|-------|-----------------------|---------|---------|
| AEROBIC PLATE COUNT | CFU/g | 182 | 0 | 5,000 |
| TOTAL COLIFORMS | | - LESS THAN 3/G (MPN) | | |
| S. AUREUS | | - < 10 CFU/G | | |
| SALMONELLA (750 G) | | - NEGATIVE 750 | | |
| E. COLI | | - LESS THAN 3/G (MPN) | | |
| COMBINED YEAST AND MOLD | CFU/g | 0 | 0 | 1,000 |
| FLAVOR (TYPICAL) | | - TYPICAL | | |
| USS#100 MESH ON | % | 0.96 | | 5.00 |
| USS#200 MESH THROUGH | % | 94.60 | 75.00 | 100.00 |
| MOISTURE (INFRARED) | % | 9.67 | | 15.00 |
| ODOR (TYPICAL) | | - TYPICAL | | |
| POWDER COLOR (Visual) | | - CREAMY WHITE | | |
| PH (VISCOSITY SOLUTION) | pH | 6.05 | 4.00 | 7.00 |

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| Analysis | Unit | Results | Minimum | Maximum |
|---------------------------------|------|-----------------------|---------|---------|
| TEXTURE (QUALITATIVE) | | - FREE FLOWING POWDER | | |
| VISCOSITY (1.0%, RV@20RPM, 25C) | cps | 5940 | 4,000 | 6,500 |
| EXPIRATION DATE | | 20240514 | | |

Signature: