

Mor- Color 42239N - Code: I5741012

Product obtained by the caramelization reaction of a sugar mixture in the presence of specific chemical substances. Type IV colorant with negative colloidal charge.

CHEMICAL AND PHYSICAL PROPERTIES

Properties	Specifications
Aspect	Viscous liquid
Color	Dark
Foreign matter	Free of foreign matter
Colloidal character	Negative
Caramel color classification	IV
Baumé, at 20 °C, °Bé	30.0 to 31.0
Density, at @ 20 °C, g/ml	1.260 to 1.272
pH (as is)	2.4 to 3.4
Color (0.1% w/v, 610 nm), A	0.213 to 0.245
Brookfield viscosity @30 °C, cps	0.0 to 300.0
Mercaptans	Negative
Insolubles, mg/Kg	0.0 to 200.0
Heavy metals (as Pb), ppm	0.0 to 5.0
Lead, mg/kg	0.0 to 2.0
Arsenic, mg/kg	0.0 to 1.0
Mercury, ppm	0.0 to 0.1
Sulfur dioxide *, ppm	0.0 to 2,000.0
Ash*, % p/p	0.0 to 2.2
4-Methyl Imidazole*, ppm	0.0 to 20.0

MICROBIOLOGICAL PROPERTIES

Properties	Specifications
Mesophilic colony count in 10g, UFC	0.0 to 200.0
Mesophilic yeast and mold, UFC/g	0.0 to 10.0
Coliforms in 10g	Ausents

CERTIFICATION

Kosher pareve, Halal

REGULATORY STATUS

CAS # 8028-89-5

E00Q15741012

Version Date 17/08/2018

Version 3

Reviewed and authorized by:
Quality Assurance, Innovation and Technical Service

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FEATURES AND BENEFITS

Mor Color is a trade name from Ingredion Inc. Our colorants can be used at very low concentrations to yield the desired effect in a variety of food applications with no significant effect on the flavor profile of finish products. This product is regulated as food additive under Title 21 CFE 73.85. The amount of Mor Color to be used is only limited by GMP's.

PACKAGING AND SHELF LIFE

Bulk product dispensed in 25 and 30 ton tank trucks. This product will maintain its characteristics for 12 months, provided that it is stored in the original, well-closed container. Color and viscosity values are those at the time of release. By their nature, caramel color continues reaction slowly, so, these values can increased during storage without affecting functionality; it is recommended to store the caramel not to exceed 25°C.

NOTES

(*) Based 610 nm color intensity. Sulfites values higher than 10 ppm are considered to be sensitive.

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