TECHNICAL DATA SHEET(TDS)

Magnesium Stearate, Derived from Palm Oil, RSPO MB, Kosher, Halal

Product Specifications (CAS# 557-04-0)

Test	Specification	Typical Results
Magnesium Content	4.1 - 5.0%	4.7%
Oxide	6.8 - 8.30%	7.85%
Heavy Metals (Total)	<10 ppm	<5 ppm
Loss on Drying	<4.0%	2.9%
ID for Magnesium	To Pass the Test	Pass
ID Freezing Fatty Acids	>54.0ºC	56.1ºC
Fatty Acid Comp (C18)	Min 40%	44.6%
Fatty Acid Comp (C16 + C18)	Min 90%	99.3%
Acidity or Alkalinity (0.1M)	<0.05 mL	0.01 mL
Loss on Drying	<6.0%	2.9%
Sulfates	<1.0%	<0.5%
Total Aerobic Microbial Coun	<1000 CFU	<10 CFU
Mold & Yeast	<100 CFU	<10 CFU
ID Fatty Acid Retention Time	To Pass Test	Pass
Residual Solvents	To Pass Test	Pass

Appropriate/legal use of this product is the responsibility of the user.

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