CERTIFICATE OF ANALYSIS

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1. Identification

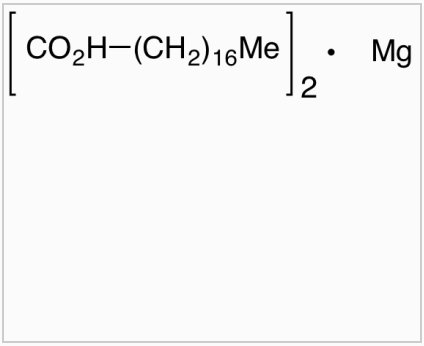
Catalogue Number: M110345

CAS Number: 557-04-0

Synonym: Magnesium Stearate; Octadecanoic Acid Magnesium Salt; Stearic Acid Magnesium Salt; AFCO-Chem MGS; Aurabrite MA 76; Daiwax M; Daiwax SMO; Dibasic magnesium stearate; EM 100; EM 100 (salt); EM 112; EM 144; EM 612; Electol MM 2; HyQual; JPM 100; Kemilub EM-F-V; Liga MF 2V; M 5GN; Magnesium Stearate G; Magnesium distearate; Magnesium octadecanoate; Magnesium stearic acid; Mg-St; NP 1500; NS-M; NS-M (salt); Nissan Electol MM 2; PETS 120P; Palmstar 325BP/EP; Parteck LUB-MST; Petrac MG 20NF; Pharma; SM

Product: Magnesium Stearate

Structure:



Molecular Formula:
$C_{36}H_{72}O_4Mg$

Molecular weight:
591.24

Source of Product:
N/A

Solubility:
N/A

Lot Number: 711962700-1-1

Purity: N/A

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: **Warning 2:** **Warning 3:**

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
Elemental Analysis	Conforms	%C: 68.97, %H: 11.69, %N: 0.22
FT-IR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Christina Gouliaras	2/27/2024	2/25/2028