

Technical Information

Magnesium Stearate

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1560M

Product Information

Product Code	: TC1560M
Product Name	: Magnesium Stearate, Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: (Stearic acid magnesium salt)
Molecular Formula	: $C_{36}H_{70}MgO_4$
Molecular Weight	: 591.27
CAS No.	: 557-04-0

Technical Specification

Appearance	: Very fine light white powder odourless or with a very faint odour of stearic acid.
Solubility	: Practically insoluble in water, in ethanol and in ether.
Identification (By FTIR)	: Conforms
Assay (as Mg) (on dried substances)	: 3.8 - 5.0%
Colour of solution	: Passes test
Clarity and colour of soln. of the fatty acid	: Passes test.
Acidity or alkalinity	: Passes test.
Acid number	: 195 - 210
Loss on drying (at 105°C)	: $\leq 6.0\%$
Free stearic acid	: $\leq 3.0\%$
Chloride (Cl)	: $\leq 0.025\%$
Sulphate (SO ₄)	: $\leq 0.6\%$
Heavy metals (as Pb)	: $\leq 0.001\%$
Zinc stearate	: Passes test.
Cell Culture Test	: Passes test

Risk And Safety Information

WGK	: --
RTECS	: --
Storage Temperature(°C)	: Store below 30°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

Animal Cell
Culture Tested



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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