

## Specifications

<b>Product</b>	:	Magnesium stearate
<b>CAS No.</b>	:	557-04-0
<b>Molecular formula</b>	:	C <sub>36</sub> H <sub>70</sub> MgO <sub>4</sub>
<b>Molecular weight</b>	:	591.24
<b>Product Code</b>	:	MC0039

TESTS	SPECIFICATIONS
<b>Color and appearance</b>	Off-white to white, very fine powder.
<b>Assay</b>	NLT 4.0% and NMT 5.0% of magnesium
<b>Appearance of solution</b>	Solution S is not more intensely colored than reference solution Y6
<b>Appearance of solution of the fatty acids</b>	The Solution is clear and not more intensely colored than reference solution Y5
<b>Acidity or alkalinity</b>	NMT 0.05ml of 0.1M HCl or 0.1M NaOH is required to change the color of the solution.
<b>Acid value of fatty acids</b>	195-210
<b>Free stearic acid</b>	NMT 3%
<b>Zinc stearate</b>	No violet ppt is formed
<b>Heavy metals</b>	NMT 20 ppm
<b>Chloride</b>	NMT 250 ppm
<b>sulphates</b>	NMT 0.50%
<b>Loss on drying</b>	NMT 6.0%
<b>Cadmium</b>	NMT 3 ppm
<b>Lead</b>	NMT 10 ppm
<b>Nickel</b>	NMT 5 ppm
<b>Relative content of Stearic acid and palmitic acid</b>	NLT 40% for the stearate peak. The sum of stearate and palmitate peaks is NLT 90% of the total peak area of all fatty acids.

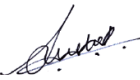

(NMT= Not more than, NLT=Not less than)

### Indenta Chemicals (India) Pvt. Ltd.

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Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302

INFORMATION	PREPARED BY	APPROVED BY
Name	Mr. Suchit Mukherjee	Mr. Thomas Varghese
Designation	Q.C Executive	Director Technical
Date	Jan 2019	-
Revision	0	-
Review Date	-	-
Signature		

**Disclaimer:** The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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