

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**CIN: U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd & 3rd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS**

Material/Product Name	Magnesium Stearate 100 TG (FCC)		
Batch Number	3F/MS/25/002-T	Quantity	50.00 Kg
Mfg. Date	Apr-2025	Expiry Date	Apr-2027

S. No.	Test Parameter	Specification	Result
1.	Appearance	A very fine, light, white to off white powder; unctuous and free from grittiness.	Complies
2.	Solubility	insoluble in water and partially soluble in anhydrous ethanol and ether.	Complies
3.	Identification:		
	i) Freezing point	Not less than 54°C	57 °C
	ii) Test for magnesium	A white crystalline precipitate	Complies
4.	Assay of magnesium Oxide	NLT 6.8 % to NMT 8.3%	7.39 %
5.	Loss on drying at 105°C	NMT 4.0%	3.27 %
6.	Unsaponifiable value	NMT 2.0 %	0.20 %
7.	Alkalinity or Acidity	NMT 0.05 ml of 0.1 M hydrochloric acid or 0.1 M sodium hydroxide is required to change the colour of the solution.	Complies
8.	Free stearic acid	NMT 2.0 %	0.31 %
9.	Arsenic	Max 3.0 ppm	Complies
10.	Heavy metals	NMT 10 ppm	Complies
11.	Impurities: Arsenic	Max 3.0 ppm	Complies
	Lead (AAS)	NMT 2.0 ppm	Complies
	Cadmium	NMT 1.0 ppm	Complies
	Mercury	NMT 1.0 ppm	Complies

Remarks: The material Complies with the above specification.

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Name	Karthik V Suvarna	Ganesh Pawar	J. Bhargava Chowdary
Date	11/06/2025	11/06/2025	11/06/2025
Sign			