

CERTIFICATE OF ANALYSIS

Product Name	Magnesium Stearate	Batch No	PY-MA20210307
Quantity	1000KG	Analysis Date	Mar.10,2021
Mfg. Date	Mar.07,2021	Exp. Date	Mar.06,2023
Package	15kg/Bag	Standard	USP40

No.	Item	Specification	Result
1.	Appearance	A very fine,light,white powder,odourless or with a very slight odour of steric acid.	Complies
2.	Solubility	Practically insoluble in water and in anhydrous ethanol.	Complies
3.	Identification A-D	Complies	Complies
4.	Acidity or Alkalinity	Complies	Complies
5.	Chlorides	≤0.1%	<0.1%
6.	Sulphates	≤1.0%	<1.0%
7.	Lead	≤10ppm	<10ppm
8.	Cadmium	≤3.0ppm	<3.0ppm
9.	Nickel	≤5.0ppm	<5.0ppm
10.	Loss on Drying	≤6.0%	3.09%
11.	Magnesium	4.0~5.0%	4.28%
12.	Stearic Acid	≥40%	43.3%
13.	Relative content of Stearic Acid and Palmitic Acid	≥90%	98.5%
14.	Total Plate Count	≤1,000cfu/g	Complies
15.	Yeast & Mould	≤100cfu/g	Complies
16.	E. Coil	Negative/1g	Complies
17.	Salmonella	Negative/10g	Complies
18.	Conclusion	Conform with USP40 Standard.	

Analyst: xuli

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