

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Magnesium Stearate	<b>Quantity:</b>	100kg
<b>Batch Number:</b>	20220218	<b>Analysis Date:</b>	19 <sup>th</sup> Feb, 2022
<b>Production Date:</b>	18 <sup>th</sup> Feb, 2022	<b>Re-Test Date:</b>	17 <sup>th</sup> Feb, 2025
<b>Reference Standard:</b>	USP35-NF30		
Item	Specification	Results	
Appearance	White, very fine, light powder, greasy to touch.	Conforms	
Identification A	The tests for Magnesium	Conforms	
Identification B	Conforms	Conforms	
Acidity or Alkalinity	Conforms	Conforms	
Loss on Drying	≤6.0%	4.6%	
Chloride	≤0.1%	<0.1%	
Sulphates	≤1.0%	<1.0%	
Lead	≤10ppm	<10ppm	
Cadmium	≤3ppm	<3ppm	
Nickel	≤5ppm	<5ppm	
Stearic Acid	≥40.0%	42.1%	
Stearic Acid & Palmitic Acid	≥90.0%	99.4%	
Assay (Mg)	4.0% - 5.0%	4.8%	
TAMC	≤1000cfu/g	<10cfu/g	
TYMC	≤500cfu/g	<10cfu/g	
E.Coli	Absent	Absent	
Salmonella	Absent	Absent	
<b>Conclusion:</b>	This batch is conforming to the USP35-NF30 standard.		