



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

**Product**

**36502 - Magnesium Sulphate Dried for cell culture,  
62-70% MgSO<sub>4</sub>, 99%, Endotoxin (BET) 0.05EU/mg -  
[7487-88-9]**

**Batch No**

**4867903**

**Analysis Date**

20-Mar-2024

**Date of Manufacture**

March 2024

**Expiry Date/Re-Test Date**

March 2029

**Molecular Formula**

MgSO<sub>4</sub>.xH<sub>2</sub>O

**Molecular Weight**

120.37 (anhy)

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (as is)	62 - 70%	64.8%
Assay (On dry basis)	min. 99%	99.5%
Loss on drying	30 - 35%	34.9%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrate (NO <sub>3</sub> )	max. 0.004%	Passes
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/36502 Rev No. 1 Date 01/02/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
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