



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	83890 - Magnesium Sulphate Heptahydrate for tissue culture, 99.5% - [10034-99-8]
Batch No	3646701
Analysis Date	06-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	MgSO ₄ .7H ₂ O
Molecular Weight	246.5

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 (EDTA Titration)	min. 99.5%	99.7%
pH (5% aq. solution)	5.0 - 8.0	6.3
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.0002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Sodium (Na)	max. 0.001%	Passes
Potassium (K)	max. 0.001%	Passes
Strontium (Sr)	max. 0.005%	Passes
Nitrate (NO ₃)	max. 0.002%	Passes
Calcium (Ca)	max. 0.02%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Ammonium (NH ₄)	max. 0.002%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/83890 Rev No. 2 Date 27/09/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.