



Certificate of Analysis

Product

13546 - Magnesium Chloride Hexahydrate for cell culture, 99.5%, Endotoxin (BET) 0.05EU/mg - [7791-18-6]

Batch No

7466181

Analysis Date

21-Nov-2023

Date of Manufacture

November 2023

Expiry Date/Re-Test Date

November 2028

Molecular Formula

MgCl₂.6H₂O

Molecular Weight

203.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic crystalline compound	Hygroscopic crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99.5%	99.7%
Insoluble matter	max. 0.005%	0.003%
pH (5% aq. solution)	5.0 - 6.5	5.80
Sulphate (SO ₄)	max. 0.002%	Passes
Phosphate (PO ₄)	max. 0.0005%	Passes
Nitrate (NO ₃)	max. 0.001%	Passes
Ammonium (NH ₄)	max. 0.002%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Barium (Ba)	max. 0.005%	Passes
Calcium (Ca)	max. 0.01%	Passes
Potassium (K)	max. 0.001%	Passes
Sodium (Na)	max. 0.001%	Passes
Strontium (Sr)	max. 0.005%	Passes
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/13546 Rev No. 2 Date 16/05/2022

Prepared by Priti

In compliance with the standard specifications of SRL

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

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