



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	56949 - Calcium Chloride Dihydrate for tissue culture, 99.5% - [10035-04-8]
Batch No	5057403
Analysis Date	25-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	CaCl ₂ ·2H ₂ O
Molecular Weight	147.01

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99.5%	99.8%
pH (5% aq. solution)	4.5 - 8.5	6.2
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0003%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Sodium (Na)	max. 0.01%	Passes
Potassium (K)	max. 0.01%	Passes
Barium (Ba)	max. 0.003%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Oxidising substances	max. 0.003%	Passes
Ammonium (NH ₄)	max. 0.005%	Passes
Strontium (Sr)	max. 0.1%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/56949 Rev No. 4 Date 13/12/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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