



**SISCO
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Certificate of Analysis

Product	52182 - Potassium Sulphate for tissue culture, 99% - [7778-80-5]
Batch No	6129824
Analysis Date	23-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	K ₂ SO ₄
Molecular Weight	174.25

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 (Ion exchange)	min. 99%	99.8%
pH (5% aq. solution)	5.5 - 7.5	6.35
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Nitrogen Compounds (N)	max. 0.0005%	Passes
Sodium (Na)	max. 0.02%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/52182 Rev No. 2 Date 06/07/2022

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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