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Certificate of Analysis

Product	88004 - Ammonium Sulphate for tissue culture, 99.5% - [7783-20-2]
Batch No	2090475
Analysis Date	25-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2028
Molecular Formula	H8N2SO4
Molecular Weight	132.13

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 (T)	min. 99.5%	99.7%
pH (5% aq. solution)	5.0 - 6.0	5.4
Loss on drying	max. 0.2%	0.1%
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Phosphate (PO4)	max. 0.001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Nitrate (NO3)	max. 0.001%	Passes
Potassium (K)	max. 0.002%	Passes
Sodium (Na)	max. 0.002%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/88004 Rev No. 2 Date 05/06/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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