



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product	35309 - Ammonium Chloride for tissue culture, 99.5% - [12125-02-9]
Batch No	5902087
Analysis Date	10-Dec-2022
Date of Manufacture	December 2022
Expiry Date/Re-Test Date	December 2027
Molecular Formula	NH ₄ Cl
Molecular Weight	53.49

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%	99.6%
pH (5% aq. solution)	4.5 - 5.5	5.1
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Phosphate (PO ₄)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Copper (Cu)	max. 0.0002%	Passes
Pyridine & Homologues	max. 0.001%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/35309 Rev No. 3 Date 05/07/2022

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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