



**SISCO
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Certificate of Analysis

Product	25103 - Ammonium Chloride ACS, 99.5% - [12125-02-9]
Batch No	3864064
Analysis Date	27-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
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 (AT)	min. 99.5%	99.7%
Insoluble matter	max. 0.005%	0.002%
Residue after ignition	max. 0.01%	0.007%
pH (5% aq. solution)	4.5 - 5.5	5.1
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0002%	Passes
Phosphate (PO ₄)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Calcium (Ca)	max. 0.001%	Passes
Magnesium (Mg)	max. 0.0005%	Passes

FRM/82/11/4/25103 Rev No. 4 Date 17/03/2024

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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