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Certificate of Analysis

Product	70158 - Ammonium Thiocyanate ACS, ExiPlus, Multi-Compendial, 99% - [1762-95-4]
Batch No	7103179
Analysis Date	29-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	NH ₄ CNS
Molecular Weight	76.12

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.8%
pH (5% aq. solution)	4.5 - 6.0	4.77
Sulphated Ash	max. 0.025%	0.02%
Insoluble matter	max. 0.005%	Nil
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.0025%	Passes
Iron (Fe)	max. 0.0001%	Passes
Sulphide (S)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0004%	Passes
Iodine reducing substances (I)	max. 0.02%	Passes

FRM/82/11/4/70158 Rev No. 2 Date 18/07/2022

Prepared by Komal

In compliance with the standard specifications of SRL

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

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