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Certificate of Analysis

Product	81016 - Ammonium Thiocyanate ACS, 99% - [1762-95-4]
Batch No	5348917
Analysis Date	25-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	NH4CNS
Molecular Weight	76.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound/deliquescent solid	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.4%
pH (5% aq. solution)	4.5 - 6.0	4.8
Insoluble matter	max. 0.005%	0.002%
Residue after ignition	max. 0.025%	0.01%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0003%	Passes
Iodine consuming substances	max. 0.004 meq /g	0.002 meq/g

FRM/82/11/4/81016 Rev No. 3 Date 23/04/2024

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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