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Certificate of Analysis

Product 21444 - Sodium Thiocyanate extrapure AR, ACS, 98% - [540-72-7]
Batch No 4314432
Analysis Date 12-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2029
Molecular Formula NaSCN
Molecular Weight 81.07

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. 98%	98.2%
pH (5% aq. solution)	5.5 - 8.0	6.1
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Ammonium (NH ₄)	max. 0.002%	Passes
Potassium (K)	max. 0.02%	Passes
Iodine reducing substances (I)	max. 0.013%	Passes
Carbonate (Na ₂ CO ₃)	max. 0.2%	Passes
Sulphide (S)	max. 0.001%	Passes

FRM/82/11/4/21444 Rev No. 3 Date 20/12/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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