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Certificate of Analysis

Product	52304 - Sodium Thiosulphate Pentahydrate extrapure, 99% - [10102-17-7]
Batch No	5530402
Analysis Date	08-Jan-2024
Date of Manufacture	January 2024
Expiry Date/Re-Test Date	January 2029
Molecular Formula	Na ₂ S ₂ O ₃ .5H ₂ O
Molecular Weight	248.17

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystals, Pellets, Crystalline Pellets or Crystalline Powder	Crystalline Powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (Iodometric)	min. 99%	99.1%
pH (5% aq. solution)	5.5 - 7.5	6.1
Chloride (Cl)	max. 0.02%	Passes
Iron (Fe)	max. 0.001%	Passes
Sulphate (SO ₄) & Sulphite (SO ₃)	max. 0.1%	Passes

FRM/82/11/4/52304 Rev No. 3 Date 16/07/2022

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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