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Certificate of Analysis

Product	29814 - Sodium Sulphite Anhydrous extrapure AR, ACS, ExiPlus, Multi-Compendial, 98% - [7757-83-7]
Batch No	6465374
Analysis Date	09-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	Na2SO3
Molecular Weight	126.04

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Passes
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 (Iodometric)	min. 98%	98.4%
pH (5% aq. solution)	9.0 - 11.0	10.1
Titration free base	0.03 meq/g	0.012meq/gm
Insoluble matter	max. 0.005%	0.003%
Chloride (Cl)	max. 0.02%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Free acid	Passes test	Passes
Copper (Cu)	max. 0.0005%	Passes
Arsenic (As)	max. 0.00005%	Passes
Phosphate (PO4)	max. 0.0005%	Passes
Thiosulphate (S2O3)	max. 0.02%	Passes

FRM/82/11/4/29814 Rev No. 1 Date 07/24/2017

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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