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## Certificate of Analysis

**Product** **89728 - Sodium Thiosulphate Anhydrous extrapure AR, 99.5% - [7772-98-7]**  
**Batch No** **5310556**  
**Analysis Date** 27-Mar-2024  
**Date of Manufacture** March 2024  
**Expiry Date/Re-Test Date** March 2029  
**Molecular Formula** Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** 158.11

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 (Iodometric)	min. 99.5%	99.6%
pH (5% aq. solution)	6.0-9.0	7.1
Loss on drying	max. 1%	0.2%
Chloride (Cl)	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Sulphate & sulphite (SO <sub>4</sub> )	max. 0.03%	Passes
Sulphide (S)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes

FRM/82/11/4/89728 Rev No. 2 Date 18/07/2016

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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