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Certificate of Analysis

Product

38631 - Sodium Tetraborate Decahydrate (Borax Decahydrate) extrapure, 99% - [1303-96-4]

Batch No

1493690

Analysis Date

12-Jan-2023

Date of Manufacture

January 2023

Expiry Date/Re-Test Date

January 2028

Molecular Formula

Na₂B₄O₇·10H₂O

Molecular Weight

381.37

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% hot aq. solution	Clear	Clear
Solubility (Colour) 10% hot aq. solution	Colourless	Colourless
Assay (HCl titration)	min. 99%	99.7%
pH (0.01M aq. solution)	9.1 - 9.3	9.14
Chloride (Cl)	max 0.05%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes

FRM/82/11/4/38631 Rev No. 2 Date 28/07/2022

Prepared by Komal

In compliance with the standard specifications of SRL

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

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