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Certificate of Analysis

Product

19486 - Sodium Tetraborate Decahydrate (Borax Decahydrate) extrapure AR, 99.5% - [1303-96-4]

Batch No

4012075

Analysis Date

19-Feb-2024

Date of Manufacture

February 2024

Expiry Date/Re-Test Date

February 2029

Molecular Formula

Na₂B₄O₇·10H₂O

Molecular Weight

381.37

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 (HCl titration)	min. 99.5%	99.7%
pH (0.01M aq. solution)	9.1 - 9.3	9.21
Chloride (Cl)	max. 0.0002%	Passes
Sulphate (SO ₄)	max. 0.0025%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Carbonate (Li ₂ CO ₃)	max. 0.05%	Passes
Calcium (Ca)	max. 0.005%	Passes

FRM/82/11/4/19486 Rev No. 2 Date 24/04/2017

Prepared by Komal

In compliance with the standard specifications of SRL

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

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