



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product

77668 - Sodium Tetraborate Decahydrate(Borax Decahydrate) extrapure AR, ACS,ExiPlus, Multi-Compendial, 99.5% - [1303-96-4]

Batch No

2613905

Analysis Date

06-Mar-2024

Date of Manufacture

March 2024

Expiry Date/Re-Test Date

March 2029

Molecular Formula

Na₂B₄O₇·10H₂O

Molecular Weight

381.37

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
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. 99.5%	99.7%
pH (0.01M aq. solution)	9.0 - 9.6	9.21
Insoluble matter	max. 0.005%	Nil
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
Ammonium (NH ₄)	max. 0.001%	Passes
Arsenic (As)	max. 0.0005%	Passes

FRM/82/11/4/77668 Rev No. 2 Date 02/09/2017

Prepared by Komal

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.