

## Certificate of Analysis

Date of Testing: 2024-09-19 14:15:13

Date of Next Testing: 2028-09-18 14:15:13

Product Name: **Sodium tetraborate**

CAS Number: 1330-43-4

Specifications & Purity: anhydrous, ≥99%

Lot #: I2411270

SKU #: **S102366**

Version: **0**

Analysis #: **404370**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on Ignition(250°C,2h)	0-1 (%)	0.03 %
Heavy metal (as Pb)	0-50 (ppm)	0.00 ppm
Purity(Titration by 0.1M NaOH)	98.5-101.5 (%)	100.95 %
Purity	99-100 (%)	100.00 %
Appearance (S102366)	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
ICP:Confirms Na and B Components	Confirmed	Confirmed
Solubility in H <sub>2</sub> O , colorless and clear pass (0.1M)		Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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