

## Certificate of Analysis

Date of Testing: 2023-04-23 13:49:39  
Date of Next Testing: 2027-04-22 13:49:39  
Product Name: **Sodium tetraborate**  
CAS Number: 1330-43-4  
Specifications & Purity: anhydrous, ≥99%  
Lot #: D2319420  
SKU #: **S102366**  
**Analysis:** **082961**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on Ignition(250°C,2h)	0-1 (%)	0.01 %
Heavy metal (as Pb)	0-50 (ppm)	4.00 ppm
Purity(Titration by 0.1M NaOH)	98.5-101.5 (%)	101.48 %
Purity	99-100 (%)	99.93%
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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QA & QC Manager