

## Certificate of Analysis

Date of Testing: 2022-02-17 11:28:48  
Date of Next Testing: 2026-02-16 11:28:48  
Product Name: **Sodium tetraborate**  
CAS Number: 1330-43-4  
Specifications & Purity: anhydrous,  $\geq 99\%$   
Lot #: B2215571  
SKU #: **S102366**  
**Analysis:** **069100**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on Ignition(250°C,2h)	0-1 (%)	0.00 %
Heavy metal (as Pb)	0-50 (ppm)	0.59 ppm
Purity(Titration by 0.1M NaOH)	98.5-101.5 (%)	100.40 %
Purity	99-100 (%)	99.97 %
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
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , colorless and clear pass (0.1M)		Pass



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QA & QC Manager