

## Certificate of Analysis

Date of Testing: 2024-09-19 15:21:33  
Date of Next Testing: 2028-09-18 15:21:33  
Product Name: **Sodium tetraborate**  
CAS Number: 1330-43-4  
Specifications & Purity: anhydrous, ≥99%  
Lot #: I2411269  
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



John Su  
QA & QC Manager