

## Certificate of Analysis

Date of Testing: 2024-12-04 15:24:30  
Date of Next Testing: 2028-12-03 15:24:30  
Product Name: **Boron oxide**  
CAS Number: 1303-86-2  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: L2402118  
SKU #: **B118450**  
Version: **0**  
Analysis #: **430168**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99%
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00%
Total Metallic Impuritie	0-2000 (ppm)	65.00 ppm
Purity (% B)	30.5-31.5 (%)	30.60%
Appearance (B118450)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Boron Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager