

Certificate of Analysis

Date of Testing: 2025-04-07 17:21:46

Date of Next Testing: 2029-04-06 17:21:46

Product Name: **Boron oxide**

CAS Number: 1303-86-2

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: D2502166

SKU #: **B118450**

Version: **0**

Analysis #: **485141**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.98 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Total Metallic Impuritie	0-2000 (ppm)	181.00 ppm
Purity (% B)	30.5-31.5 (%)	30.99 %
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