

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-07 15:34:20
 Date of Next Testing: 2029-04-06 15:34:20
 Product Name: **Boron oxide**
 CAS Number: 1303-86-2
 Specifications & Purity: AR, ≥98%
 Lot #: D2502168
 SKU #: **B108406**
 Version: **4**
 Analysis #: **494431**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Silver(Ag)	0-5 (ppm)	0.00000 ppm
(Pb)Lead	0-30 (ppm)	0.10000 ppm
Oxygen by Elemental Analysis	67-70.2 (%)	69.50000 %
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Barium(Ba)	0-5 (ppm)	0.00000 ppm
Sodium(Na)	0-200 (ppm)	10.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.13000 ppm
Chloride (Cl-)	0-20 (ppm)	0.20000 ppm
Magnesium(Mg)	0-20 (ppm)	0.50000 ppm
Potassium(K)	0-30 (ppm)	0.30000 ppm
Calcium(Ca)	0-10 (ppm)	0.10000 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
Assay	98-100 (%)	99.98190 %
Sulfate(SO42-)	0-0.02 (%)	0.00000 %
Appearance (B108406)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP:Confirms Boron Components	Confirmed	Confirmed



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager