

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 18:58:11

Date of Next Testing: 2029-11-10 18:58:11

Product Name: **Boron oxide**

CAS Number: 1303-86-2

Specifications & Purity: AR, ≥98%

Lot #: K2510213

SKU #: **B108406**

Version: **4**

Analysis #: **601016**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Strontium(Sr)	0-5 (ppm)	0.20500 ppm
Silver(Ag)	0-5 (ppm)	0.10360 ppm
(Pb)Lead	0-30 (ppm)	0.25400 ppm
Chromium(Cr)	0-5 (ppm)	0.20600 ppm
Barium(Ba)	0-5 (ppm)	0.10600 ppm
Sodium(Na)	0-200 (ppm)	0.41500 ppm
Cadmium(Cd)	0-5 (ppm)	0.32500 ppm
Chloride (Cl-)	0-20 (ppm)	0.10600 ppm
Magnesium(Mg)	0-20 (ppm)	0.51800 ppm
Potassium(K)	0-30 (ppm)	0.41800 ppm
Calcium(Ca)	0-10 (ppm)	1.03500 ppm
Nickel(Ni)	0-5 (ppm)	0.20400 ppm
Assay	98-100 (%)	98.71000 %
Sulfate(SO42-)	0-0.02 (%)	0.00330 %
Oxygen by Elemental Analysis	67-70.2 (%)	68.50000 %
Appearance (B108406)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Boron Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager