

Certificate of Analysis

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|--------------------------|---------------------|
| Date of Testing: | 2024-11-05 16:40:16 |
| Date of Next Testing: | 2028-11-04 16:40:16 |
| Product Name: | Boron oxide |
| CAS Number: | 1303-86-2 |
| Specifications & Purity: | AR, ≥98% |
| Lot #: | J2424913 |
| SKU # | B108406 |
| Version | 4 |
| Analysis #: | 419539 |
| Storage Temperature: | Desiccated |

| Parameter | Limit Values | Result |
|-------------------------------|--------------------------|--------------------------|
| Strontium(Sr) | 0-5 (ppm) | 1.20 ppm |
| Silver(Ag) | 0-5 (ppm) | 1.22 ppm |
| (Pb)Lead | 0-30 (ppm) | 1.30 ppm |
| Chromium(Cr) | 0-5 (ppm) | 1.22 ppm |
| Barium(Ba) | 0-5 (ppm) | 1.01 ppm |
| Sodium(Na) | 0-200 (ppm) | 1.02 ppm |
| Cadmium(Cd) | 0-5 (ppm) | 2.01 ppm |
| Chloride (Cl-) | 0-20 (ppm) | 2.30 ppm |
| Magnesium(Mg) | 0-20 (ppm) | 2.30 ppm |
| Potassium(K) | 0-30 (ppm) | 3.00 ppm |
| Calcium(Ca) | 0-10 (ppm) | 1.40 ppm |
| Nickel(Ni) | 0-5 (ppm) | 2.10 ppm |
| Sulfate(SO42-) | 0-0.02 (%) | 0.01 % |
| Oxygen by Elemental Analysis | 67-70.2 (%) | 68.30 % |
| Assay | 98-100 (%) | 99.71 % |
| 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 |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager