

## Certificate of Analysis

Date of Testing: 2024-01-19 10:22:21  
Date of Next Testing: 2028-01-18 10:22:21  
Product Name: **Boron oxide**  
CAS Number: 1303-86-2  
Specifications & Purity: Analytical Reagent,98%  
Lot #: A2403157  
SKU #: **B108406**  
**Analysis:** **315513**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Silver (Ag)	0-5 (ppm)	0.00 ppm
(Pb)Lead	0-30 (ppm)	0.00 ppm
Oxygen by Elemental Analysis	67-70.2 (%)	68.50 %
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Barium(Ba)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-200 (ppm)	105.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Chloride (Cl-)	0-20 (ppm)	0.00 ppm
Magnesium(Mg)	0-20 (ppm)	0.00 ppm
Potassium(K)	0-30 (ppm)	0.00 ppm
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Assay	98-100 (%)	99.11 %
Sulfate(SO42-)	0-0.02 (%)	0.01 %
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



ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager