

Certificate of Analysis

Date of Testing:	2024-01-17 14:57:31
Date of Next Testing:	2028-01-16 14:57:31
Product Name:	Boron oxide
CAS Number:	1303-86-2
Specifications & Purity:	Analytical Reagent,98%
Lot #:	A2403156
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

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager