

Certificate of Analysis

Date of Testing:	2023-03-13 11:11:09
Date of Next Testing:	2027-03-12 11:11:09
Product Name:	Boron oxide
CAS Number:	1303-86-2
Specifications & Purity:	Analytical Reagent,98%
Lot #:	C2302105
SKU #	B108406
Analysis:	189016
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Strontium(Sr)	0-5 (ppm)	0.32 ppm
Silver (Ag)	0-5 (ppm)	0.29 ppm
(Pb)Lead	0-30 (ppm)	1.05 ppm
Chromium(Cr)	0-5 (ppm)	0.68 ppm
Barium(Ba)	0-5 (ppm)	1.16 ppm
Sodium(Na)	0-200 (ppm)	5.16 ppm
Cadmium(Cd)	0-5 (ppm)	1.18 ppm
Chloride (Cl-)	0-20 (ppm)	3.16 ppm
Magnesium(Mg)	0-20 (ppm)	3.42 ppm
Potassium(K)	0-30 (ppm)	4.08 ppm
Calcium(Ca)	0-10 (ppm)	2.94 ppm
Nickel(Ni)	0-5 (ppm)	1.51 ppm
Sulfate(SO42-)	0-0.02 (%)	0.01 %
Oxygen by Elemental Analysis	67-70.2 (%)	68.99 %
Assay	98-100 (%)	99.99 %
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

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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