

Certificate of Analysis

Date of Testing:	2024-06-11 14:26:46
Date of Next Testing:	2028-06-10 14:26:46
Product Name:	Boron oxide
CAS Number:	1303-86-2
Specifications & Purity:	Analytical Reagent,98%
Lot #:	E2428059
SKU #	B108406
Version	4
Analysis #:	355981
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Strontium(Sr)	0-5 (ppm)	1.30 ppm
Silver (Ag)	0-5 (ppm)	2.80 ppm
(Pb)Lead	0-30 (ppm)	1.34 ppm
Chromium(Cr)	0-5 (ppm)	1.60 ppm
Barium(Ba)	0-5 (ppm)	1.76 ppm
Sodium(Na)	0-200 (ppm)	2.14 ppm
Cadmium(Cd)	0-5 (ppm)	1.46 ppm
Chloride (Cl-)	0-20 (ppm)	10.40 ppm
Magnesium(Mg)	0-20 (ppm)	13.49 ppm
Potassium(K)	0-30 (ppm)	1.65 ppm
Calcium(Ca)	0-10 (ppm)	2.48 ppm
Nickel(Ni)	0-5 (ppm)	1.65 ppm
Assay	98-100 (%)	98.97 %
Sulfate(SO42-)	0-0.02 (%)	0.00 %
Oxygen by Elemental Analysis	67-70.2 (%)	69.01 %
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".

John Su
QA & QC Manager