

Certificate of Analysis

Date of Testing:	2024-11-06 10:11:41
Date of Next Testing:	2028-11-05 10:11:41
Product Name:	Boron oxide
CAS Number:	1303-86-2
Specifications & Purity:	AR, ≥98%
Lot #:	J2424638
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

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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