

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-12 17:27:11
 Date of Next Testing: 2029-11-11 17:27:11
 Product Name: **Bismuth oxide**
 CAS Number: 1304-76-3
 Specifications & Purity:
 Lot #: K2510238
 SKU #: **B493375**
 Version: **2**
 Analysis #: **593725**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity Titration by EDTA	98.5-101.5 (%)	100.34000 %
Total Nitrogen	0-0.01 (%)	0.00640 %
Sulfate(SO42-)	0-0.002 (%)	0.00000 %
Insoluble matter in HNO3	0-0.005 (%)	0.00000 %
Arsenic(As)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.002 (%)	0.00000 %
Lead(Pb)	0-0.003 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00000 %
Copper(Cu)	0-0.001 (%)	0.00000 %
loss on Ignition	0-1 (%)	0.03200 %
Calcium(Ca)	0-0.002 (%)	0.00098 %
Chloride (Cl-)	0-0.001 (%)	0.00100 %
Sodium(Na)	0-0.005 (%)	0.00480 %
Potassium(K)	0-0.002 (%)	0.00190 %
Appearance(White to Light Yellow Powder or crystal)	Pass	Pass
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager