

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-15 18:45:23  
Date of Next Testing: 2030-06-14 18:45:23  
Product Name: **Bismuth oxide**  
CAS Number: 1304-76-3  
Specifications & Purity:  
Lot #: F2610283  
SKU #: **B493375**  
Version: **2**  
Analysis #: **670486**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Total Nitrogen	0-0.01 (%)	0.00160 %
Sulfate(SO42-)	0-0.002 (%)	0.00000 %
Insoluble matter in HNO3	0-0.005 (%)	0.00000 %
Arsenic(As)	0-0.001 (%)	0.00010 %
Magnesium(Mg)	0-0.002 (%)	0.00040 %
Lead(Pb)	0-0.003 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00020 %
Copper(Cu)	0-0.001 (%)	0.00010 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
loss on Ignition	0-1 (%)	0.06600 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Purity Titration by EDTA	98.5-101.5 (%)	101.48000 %
Sodium(Na)	0-0.005 (%)	0.00500 %
Potassium(K)	0-0.002 (%)	0.00200 %
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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager