

## Certificate of Analysis

Date of Testing:	2024-06-05 10:13:13
Date of Next Testing:	2028-06-04 10:13:13
Product Name:	<b>Bismuth oxide</b>
CAS Number:	1304-76-3
Specifications & Purity:	
Lot #:	E2428173
SKU #	<b>B493375</b>
Version	<b>2</b>
Analysis #:	<b>353850</b>

Parameter	Limit Values	Result
Purity Titration by EDTA	98.5-101.5 (%)	100.58 %
Total Nitrogen	0-0.01 (%)	0.00 %
Insoluble matter in HNO <sub>3</sub>	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Arsenic(As)	0-0.001 (%)	0.00000 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Lead(Pb)	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.002 (%)	0.00 %
Copper(Cu)	0-0.001 (%)	0.00 %
loss on Ignition	0-1 (%)	0.05 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.002 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.001 (%)	0.00 %
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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ALADDIN SCIENTIFIC CORPORATION

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

John Su  
QA & QC Manager