

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-06-05 10:25:50
Date of Next Testing: 2028-06-04 10:25:50
Product Name: **Bismuth oxide**
CAS Number: 1304-76-3
Specifications & Purity:
Lot #: E2428174
SKU #: **B493375**
Version: **2**
Analysis #: **353850**

Parameter	Limit Values	Result
Purity Titration by EDTA	98.5-101.5 (%)	100.58000 %
Total Nitrogen	0-0.01 (%)	0.00180 %
Insoluble matter in HNO3	0-0.005 (%)	0.00000 %
Sodium(Na)	0-0.005 (%)	0.00130 %
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 (%)	0.00170 %
Copper(Cu)	0-0.001 (%)	0.00040 %
loss on Ignition	0-1 (%)	0.04700 %
Calcium(Ca)	0-0.002 (%)	0.00110 %
Sulfate(SO42-)	0-0.002 (%)	0.00130 %
Potassium(K)	0-0.002 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00100 %
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 script is fluid and cursive.

John Su
QA & QC Manager