

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 (%)	100.58 %
Total Nitrogen	0-0.01 (%)	0.00 %
Insoluble matter in HNO ₃	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 ₄ ²⁻)	0-0.002 (%)	0.00 %
Potassium(K)	0-0.002 (%)	0.00 %
Chloride (Cl ⁻)	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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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager