

## Certificate of Analysis

Date of Testing: 2024-10-10 09:47:34  
Date of Next Testing: 2027-10-10 09:47:34  
Product Name: **Bismuth(III) oxide**  
CAS Number: 1304-76-3  
Specifications & Purity: nanopowder, ≥99.8% trace metals basis, 100-500 nm particle size  
Lot #: I2423104  
SKU #: **B431714**  
Version: **2**  
Analysis #: **392149**

Parameter	Limit Values	Result
Bismuth(Complexometric EDTA)	87.9-100 (%)	90.40000 %
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99 %
Trace Metal Analysis	0-2500 (ppm)	75.00 ppm
Particle size	100-500 (nm)	181.58 nm
Appearance(B431714)	yellow to yellow-green powder	yellow to yellow-green powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager