

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-07-12 10:34:31  
Date of Next Testing: 2028-07-11 10:34:31  
Product Name: **Bismuth(III) oxide**  
CAS Number: 1304-76-3  
Specifications & Purity: nanopowder, ≥99.8% trace metals basis, 100-500 nm particle size  
Lot #: G2503053  
SKU #: **B431714**  
Version: **2**  
Analysis #: **392149**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Bismuth(Complexiometric EDTA)	87.9-100 (%)	90.40000 %
Purity(Based On Trace Metals Analysis)	99.8-100 (%)	99.99250 %
Trace Metal Analysis	0-2500 (ppm)	75.00000 ppm
Particle size	100-500 (nm)	181.58000 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