

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-10 09:50:17

Date of Next Testing: 2027-10-10 09:50:17

Product Name: **Bismuth(III) oxide**

CAS Number: 1304-76-3

Specifications & Purity: nanopowder, ≥99.8% trace metals basis, 100-500 nm particle size

Lot #: I2423108

SKU #: **B431714**

Version: **2**

Analysis #: **392149**

Parameter	Limit Values	Result
Bismuth(Complexiometric 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