



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-14 16:59:23

Date of Next Testing: 2027-04-13 16:59:23

Product Name: **N type Bismuth(III) telluride**

CAS Number: 1304-82-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: F2301686

SKU #: **B196206**

Version: **2**

Analysis #: **211623**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99010 %
Selenium(Se)	2.5-5 (%)	2.51000 %
Total trace metal imp	0-150 (ppm)	99.00000 ppm
Appearance (B196206)	Grey powder	Grey powder
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager