

## Certificate of Analysis

Date of Testing: 2024-08-09 10:46:59  
Date of Next Testing: 2028-08-08 10:46:59  
Product Name: **P type Bismuth(III) telluride**  
CAS Number: 1304-82-1  
Specifications & Purity: 99.99% metals basis  
Lot #: G2431141  
SKU #: **B196205**  
Version: **0**  
Analysis #: **391325**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99%
Total Metallic Impuritie	0-200 (ppm)	90.00 ppm
Appearance (B196205)	Grey powder	Grey powder
ICP:Confirms Bismuth and Tellurium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager