

## Certificate of Analysis

Date of Testing: 2023-06-20 15:26:40  
Date of Next Testing: 2027-06-19 15:26:40  
Product Name: **Bismuth selenide**  
CAS Number: 12068-69-8  
Specifications & Purity: 99.99% metals basis  
Lot #: F2313780  
SKU #: **B119288**  
**Analysis:** **227776**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
Total Metallic Impuritie	0-100 (ppm)	90.00 ppm
Appearance (B119288)	Grey to Black Powder and/or Chunks	Grey to Black Powder and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager