

## Certificate of Analysis

Date of Testing: 2024-11-23 11:33:07  
Date of Next Testing: 2028-11-22 11:33:07  
Product Name: **Bismuth selenide**  
CAS Number: 12068-69-8  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
Lot #: K2418161  
SKU #: **B119288**  
Version: **0**  
Analysis #: **428247**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurity	0-100 (ppm)	38.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
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