

## Certificate of Analysis

Date of Testing: 2024-10-17 17:17:47  
Date of Next Testing: 2028-10-16 17:17:47  
Product Name: **Bismuth**  
CAS Number: 7440-69-9(powder)  
Specifications & Purity: PrimorTrace™, ≥99.999% metals basis, ≥60 mesh  
Lot #: J2409168  
SKU #: **B401358**  
Version: **1**  
Analysis #: **413541**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	≥60(mesh)	250.00 mesh
Purity(Based on Trace Metals Impurities of ICP)	99.999-100 (%)	100.00 %
Total Metallic Impuritie	0-20 (ppm)	7.00 ppm
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager