

## Certificate of Analysis

Date of Testing: 2024-10-23 11:00:59  
Date of Next Testing: 2028-10-22 11:00:59  
Product Name: **Bismuth**  
CAS Number: 7440-69-9(powder)  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: J2414425  
SKU #: **B163040**  
Version: **0**  
Analysis #: **011586**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-1000 (ppm)	36.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	100.00 %
Appearance (B163040)	grey to brown powder	grey to brown powder
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager