

## Certificate of Analysis

Date of Testing: 2023-09-18 09:24:01  
Date of Next Testing: 2027-09-17 09:24:01  
Product Name: **Bismuth**  
CAS Number: 7440-69-9  
Specifications & Purity: 99.99% metals basis  
Lot #: I2311754  
SKU #: **B109171**  
**Analysis:** **267934**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
Trace Metal Analysis	0-200 (ppm)	89.00 ppm
Appearance (B109171)	Grey to Brown Granule	Grey to Brown Granule
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager