

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-27 11:44:37  
Date of Next Testing: 2026-12-26 11:44:37  
Product Name: **Bismuth**  
CAS Number: 7440-69-9(powder)  
Specifications & Purity: 99.9% metals basis, ≥200 mesh  
Lot #: L2210141  
SKU #: **B140821**  
**Analysis:** **171831**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-1000 (ppm)	70.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99 %
Particle size	≥200 (mesh)	573.00 mesh
Appearance (B140821)	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