

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-21 11:40:52
 Date of Next Testing: 2026-11-20 11:40:52
 Product Name: **Bismuth nitrate pentahydrate**
 CAS Number: 10035-06-0
 Specifications & Purity: Analytical Reagent, ≥99.0%
 Lot #: K2216164
 SKU #: **B110811**
Analysis: 138836
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Silver (Ag)	0-0.001 (%)	0.00 %
Insoluble matter(C = 20%, Dilute HNO ₃ (1+4))	0-0.005 (%)	0.00 %
Chloride (Cl-)	0-0.002 (%)	0.00 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Substances not precipitated by hydrogen sulfide	0-0.01 (%)	0.00 %
Assay	99-100 (%)	99.95 %
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager