

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 11:19:08
 Date of Next Testing: 2029-09-17 11:19:08
 Product Name: **Bismuth nitrate pentahydrate**
 CAS Number: 10035-06-0
 Specifications & Purity: AR, ≥99%
 Lot #: I2516296
 SKU #: **B110811**
 Version: **1**
 Analysis #: **550987**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Silver(Ag)	0-0.001 (%)	0.00040 %
Insoluble matter(C = 20%, Dilute HNO ₃ (1+4))	0-0.005 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00000 %
(As)Arsenic	0-0.0005 (%)	0.00050 %
Copper(Cu)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Assay	99-100 (%)	99.97760 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00500 %
Substances not precipitated by hydrogen sulfide	0-0.01 (%)	0.01000 %
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager