

Certificate of Analysis

Date of Testing: 2025-05-23 18:58:52

Date of Next Testing: 2029-05-22 18:58:52

Product Name: **Bismuth nitrate pentahydrate**

CAS Number: 10035-06-0

Specifications & Purity: AR, ≥99%

Lot #: E2521256

SKU #: **B110811**

Version: **1**

Analysis #: **509715**

Storage Temperature: Room 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 %
(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 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Assay	99-100 (%)	99.32 %
Substances not precipitated by hydrogen sulfide	0-0.01 (%)	0.01 %
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager