

## Certificate of Analysis

Date of Testing: 2023-09-05 11:58:24  
Date of Next Testing: 2027-09-04 11:58:24  
Product Name: **Bismuth nitrate pentahydrate**  
CAS Number: 10035-06-0  
Specifications & Purity: Analytical Reagent, ≥99.0%  
Lot #: H2328067  
SKU #: **B110811**  
**Analysis: 223756**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Silver (Ag)	0-0.001 (%)	0.00 %
Insoluble matter(C = 20%, Dilute HNO <sub>3</sub> (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 <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
Substances not precipitated by hydrogen sulfide	0-0.01 (%)	0.00 %
Assay	99-100 (%)	99.98 %
ICP: Confirms Bismuth Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager