

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-21 14:18:10
Date of Next Testing: 2026-11-20 14:18:10
Product Name: **Bismuth nitrate pentahydrate**
CAS Number: 10035-06-0
Specifications & Purity: Analytical Reagent, ≥99.0%
Lot #: K2216216
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