

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-11 18:23:21  
 Date of Next Testing: 2027-08-10 18:23:21  
 Product Name: **Bismuth nitrate pentahydrate**  
 CAS Number: 10035-06-0  
 Specifications & Purity: ACS, ≥98.0%  
 Lot #: H2308642  
 SKU #: **B110812**  
**Analysis:** **263273**  
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Potassium(K)	0-0.01 (%)	0.00 %
Lead(Pb)	0-0.002 (%)	0.00 %
Copper(Cu)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
Assay(Complexometric EDTA)	98-100 (%)	99.69 %
Insoluble matter(C = 20%, Dilute HNO <sub>3</sub> (1+4))	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Silver (Ag)	0-0.001 (%)	0.00 %
(As)Arsenic	0-0.001 (%)	0.00 %
Appearance (B110812)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager