

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-28 09:23:48
 Date of Next Testing: 2026-12-27 09:23:48
 Product Name: **Bismuth nitrate pentahydrate**
 CAS Number: 10035-06-0
 Specifications & Purity: ACS, ≥98.0%
 Lot #: L2208273
 SKU #: **B110812**
Analysis: **172184**
 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 (%)	98.79 %
Insoluble matter(C = 20%, Dilute HNO ₃ (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