

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-12-18 09:39:12
Date of Next Testing:	2027-12-17 09:39:12
Product Name:	<b>Bismuth nitrate pentahydrate</b>
CAS Number:	10035-06-0
Specifications & Purity:	ACS, ≥98.0%
Lot #:	L2313205
SKU #	<b>B110812</b>
<b>Analysis:</b>	<b>306415</b>
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 (%)	99.99 %
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