

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-29 11:38:19

Date of Next Testing: 2029-07-28 11:38:19

Product Name: **Bismuth nitrate pentahydrate**

CAS Number: 10035-06-0

Specifications & Purity: ACS, ≥98%

Lot #: G2523652

SKU #: **B110812**

Version: **0**

Analysis #: **549112**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Potassium(K)	0-0.01 (%)	0.00470 %
Lead(Pb)	0-0.002 (%)	0.00000 %
Copper(Cu)	0-0.002 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.02 (%)	0.00150 %
Assay(Complexometric EDTA)	98-100 (%)	99.82000 %
Insoluble matter(C = 20%, Dilute HNO ₃ (1+4))	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.005 (%)	0.00002 %
Silver(Ag)	0-0.001 (%)	0.00000 %
(As)Arsenic	0-0.001 (%)	0.00060 %
Appearance (B110812)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager