

Certificate of Analysis

Date of Testing: 2023-06-25 13:27:40
Date of Next Testing: 2026-06-24 13:27:40
Product Name: **Bismuth subnitrate**
CAS Number: 1304-85-4
Specifications & Purity: meets USP testing specifications
Lot #: F2313948
SKU #: **B476735**
Analysis: 218204
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Arsenic(As)	0-8 (ppm)	0.00000 ppm
Alkalies and Alkaline Earths	0-0.5 (%)	0.01300 %
Drying loss	≤3 (%)	0.04800 %
Assay(Dry Basis, Bi ₂ O ₃)	79-100 (%)	80.80000 %
Chloride (Cl ⁻)	0-0.035 (%)	0.00000 %
Appearance(B476735)	White to off-white (Solid)	White to off-white (Solid)
Ammonium Salts	pass	Pass
Silver(Ag)	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
(SO ₄)Sulfate, %	pass	Pass
Copper(Cu)	pass	Pass
Lead(Pb)	pass	Pass



John Su
QA & QC Manager