

## Certificate of Analysis

Date of Testing: 2023-06-25 13:33:18  
Date of Next Testing: 2026-06-24 13:33:18  
Product Name: **Bismuth subnitrate**  
CAS Number: 1304-85-4  
Specifications & Purity: meets USP testing specifications  
Lot #: F2313959  
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 <sub>2</sub> O <sub>3</sub> )	79-100 (%)	80.80000 %
Chloride (Cl <sup>-</sup> )	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 <sub>4</sub> )Sulfate, %	pass	Pass
Copper(Cu)	pass	Pass
Lead(Pb)	pass	Pass



John Su  
QA & QC Manager