

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-22 14:32:39

Date of Next Testing: 2029-07-21 14:32:39

Product Name: **Bismuth sulfide**

CAS Number: 1345-07-9

Specifications & Purity:  $\geq 99.9\%$  metals basis

Lot #: G2507080

SKU # **B140218**

Version **0**

**Analysis #:** **043220**

Storage Temperature: Room temperature

| Parameter                                       | Limit Values              | Result                    |
|-------------------------------------------------|---------------------------|---------------------------|
| Complexiometric EDTA (% Bi)                     | 80.1-82.5 (%)             | 80.63610 %                |
| Total Metallic Impuritie                        | 0-2000 (ppm)              | 800.00000 ppm             |
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)              | 99.96000 %                |
| Appearance (B140218)                            | Grey powder and/or chunks | Grey powder and/or chunks |
| ICP: Confirms Bismuth Component                 | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                               | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager