

## Certificate of Analysis

Date of Testing: 2025-01-07 14:55:40

Date of Next Testing: 2029-01-06 14:55:40

Product Name: **Bismuth nitrate pentahydrate**

CAS Number: 10035-06-0

Specifications & Purity: AR, ≥99%

Lot #: L2430061

SKU #: **B110811**

Version: **1**

Analysis #: **426661**

Storage Temperature: Room temperature, Desiccated

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Silver(Ag)                                      | 0-0.001 (%)           | 0.00 %                |
| Insoluble matter(C = 20%, Dilute HNO3 (1+4))    | 0-0.005 (%)           | 0.00 %                |
| (As)Arsenic                                     | 0-0.0005 (%)          | 0.00 %                |
| Copper(Cu)                                      | 0-0.001 (%)           | 0.00 %                |
| Iron(Fe)                                        | 0-0.0005 (%)          | 0.00 %                |
| Sulfate(SO42-)                                  | 0-0.005 (%)           | 0.00 %                |
| Chloride (Cl-)                                  | 0-0.002 (%)           | 0.00 %                |
| Substances not precipitated by hydrogen sulfide | 0-0.01 (%)            | 0.01 %                |
| Assay                                           | 99-100 (%)            | 99.20 %               |
| ICP: Confirms Bismuth Component                 | Confirmed             | Confirmed             |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



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