

Certificate of Analysis

Date of Testing: 2022-02-15 14:05:12

Date of Next Testing: 2026-02-14 14:05:12

Product Name: **Bismuth nitrate pentahydrate**

CAS Number: 10035-06-0

Specifications & Purity: Analytical Reagent, ≥99.0%

Lot #: B2212269

SKU #: **B110811**

Analysis: **052305**

Storage 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 % |
| Chloride (Cl-) | 0-0.002 (%) | 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 % |
| Substances not precipitated by hydrogen sulfide | 0-0.01 (%) | 0.01 % |
| Assay | 99-100 (%) | 99.99 % |
| ICP: Confirms Bismuth Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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