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## Certificate of Analysis

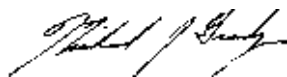
Product Name:

Gold(III) bromide - 99.9% trace metals basis

**Product Number:** 398470  
**Batch Number:** MKCF0701  
**Brand:** ALDRICH  
**CAS Number:** 10294-28-7  
**MDL Number:** MFCD00014171  
**Formula:** AuBr<sub>3</sub>  
**Formula Weight:** 436.68 g/mol  
**Quality Release Date:** 22 SEP 2017



| Test  | Specification            | Result             |
|---|--------------------------|--------------------|
| Appearance (Color)<br>Blue to Grey to Black                 | Conforms to Requirements | Grey               |
| Appearance (Form)   | Powder or Crystals       | Powder             |
| Gravimetric Analysis<br>% Gold After Reduction With Sulfite | 44.0 - 46.3 %            | 45.1 %             |
| ICP Major Analysis<br>Confirms Gold Component               | Confirmed                | Conforms           |
| Purity<br>99.9% Based on Trace Metal Analysis               | Meets Requirements       | Meets Requirements |
| Trace Metal Analysis  | ≤ 1500.0 ppm             | 9.3 ppm            |
| Boron (B)   |                          | 6.9 ppm            |
| Calcium (Ca)  |                          | 2.4 ppm            |



Michael Grady, Manager  
Quality Control  
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.