

## Certificate of Analysis

Date of Testing: 2024-10-14 13:35:27  
Date of Next Testing: 2028-10-13 13:35:27  
Product Name: **Bismuth oxide**  
CAS Number: 1304-76-3  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: J2411093  
SKU #: **B105159**  
Version: **0**  
Analysis #: **419997**

| Parameter                              | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)              | 99.99%                    |
| Bi (Complexiometric EDTA)              | 87.9-100 (%)              | 96.00%                    |
| Total Metallic Impuritie               | 0-2000 (ppm)              | 197.00 ppm                |
| Appearance (B105159)                   | yellow powder or crystals | yellow powder or crystals |
| ICP: Confirms Bismuth Component        | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                      | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager