

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BISMUTH OXIDE**

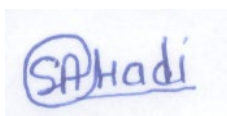
**CAS No : 1304-76-3**  
**Mol. Formula : Bi<sub>2</sub>O<sub>3</sub>**  
**Mol. WT : 465.96**  
**Date of analysis : 24/06/25**

**Product code : 12860**  
**Batch No. : MCR-34315**  
**Mfd. : June 2025**  
**Exp. : May 2030**

| S.R | Test                       | Specification           | Observation             |
|-----|----------------------------|-------------------------|-------------------------|
| 1   | Description                | Yellow coloured powder. | Yellow coloured powder. |
| 2   | Assay (ex Bi)              | 99% w/w min             | 99.68% w/w              |
| 3   | Nitrate (NO <sub>3</sub> ) | 0.03 % max              | < 0.03 %                |
| 4   | Arsenic (As)               | 0.0001 % max            | < 0.0001 %              |
| 5   | Iron (Fe)                  | 0.005% max              | <0.005%                 |
| 6   | Lead (Pb)                  | 0.005% max              | <0.005%                 |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Sonu)**



**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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