



## **CERTIFICATE OF ANALYSIS**

**Date : 18/10/12**

**PRODUCT NAME : BISMUTH OXIDE**

**CAS No : 1304-76-3**

**Product code : 12860**

**Mol. Formula :  $\text{Bi}_2\text{O}_3$**

**Batch No : MCR-5881**

**Mol. WT : 465.96**

**Mfd . : Oct. 2012**

| <b>S.<br/>R</b> | <b>Test</b>                              | <b>Specification</b> | <b>Observation</b> |
|-----------------|------------------------------------------|----------------------|--------------------|
| 1               | <b>Assay (ex Bi)</b>                     | 99% w/w min          | 99.07 % w/w        |
| 2               | <b>Nitrate(<math>\text{NO}_3</math>)</b> | 0.03 % max           | < 0.03 %           |
| 3               | <b>Arsenic(As)</b>                       | 0.0001 % max         | < 0.0001 %         |
| 4               | <b>Iron (Fe)</b>                         | 0.005% max           | <0.005%            |
| 5               | <b>Lead (Pb)</b>                         | 0.005% max           | <0.005%            |

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

**[Tested By]**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

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