

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

|                          |                             |
|--------------------------|-----------------------------|
| <b>Catalogue Number</b>  | 30298                       |
| <b>Lot Number</b>        | 003131-12391                |
| <b>Product</b>           | <b>Bismuth(III) bromide</b> |
| <b>CAS Number</b>        | 7787-58-8                   |
| <b>Molecular Formula</b> | BiBr <sub>3</sub>           |
| <b>Molecular Weight</b>  | 448.69                      |

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|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                  | Light yellow crystals or powder                                                                                                                                                                  |
| <b>Anion</b>                       | Silicon (Si) : < 3 ppm                                                                                                                                                                           |
| <b>Cation</b>                      | Na+K : < 2 ppm, Mg, Cr, Cu, Zn, Cd, Sn, Sb, Pb : < 0.5 ppm, Al : < 1 ppm, Ca : < 2 ppm, Ti : < 0.1 ppm, V : < 0.1 ppm, Fe : < 1 ppm, Ni : < 1 ppm, Mo : < 0.1 ppm, Ba : < 0.1 ppm, W : < 0.1 ppm |
| <b>Water Content (Karl Fisher)</b> | < 100 ppm                                                                                                                                                                                        |
| <b>Purity</b>                      | 99.99% (Metals basis)                                                                                                                                                                            |
| <b>Grade</b>                       | Ultra Pure                                                                                                                                                                                       |
| <b>Storage</b>                     | Store at RT                                                                                                                                                                                      |
| <b>Remarks</b>                     | See material safety data sheet for additional information<br>For laboratory use only                                                                                                             |

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**