

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

|                         |                              |
|-------------------------|------------------------------|
| <b>Catalogue Number</b> | 24471                        |
| <b>Lot Number</b>       | 002154-2015-026              |
| <b>Product</b>          | <b>Bismuth(III) chloride</b> |

Bismuth chloride

|                          |                   |
|--------------------------|-------------------|
| <b>CAS Number</b>        | 7787-60-2         |
| <b>Molecular Formula</b> | BiCl <sub>3</sub> |

|                         |        |
|-------------------------|--------|
| <b>Molecular Weight</b> | 315.34 |
|-------------------------|--------|

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|                           |  |
|---------------------------|--|
| <b>Appearance</b>         | White crystals   |
| <b>Solubility</b>         | Decomposes into BiOCl in water   |
| <b>Melting Point</b>      | 230 °C (Approx.)   |
| <b>Anion</b>              | Nitrate (NO <sub>3</sub> <sup>-</sup> ): < 0.01%<br>Sulfate (SO <sub>4</sub> <sup>2-</sup> ): 0.005%   |
| <b>Cation</b>             | Arsenic (As): 0.00062%<br>Calcium (Ca): 0.0019%<br>Copper (Cu): 0.000087%<br>Iron (Fe): 0.00188%<br>Lead (Pb): 0.00001%<br>Potassium (K): 0.00014%<br>Sodium (Na): 0.00127%<br>Silver (Ag): 0.00021% |
| <b>Insoluble material</b> | 0.0051%  |
| <b>Assay by titration</b> | 98.37%   |
| <b>Grade</b>              | ACS reagent  |
| <b>Application</b>        | Used as catalyst for organic reagents.   |
| <b>Storage</b>            | Store at RT  |

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

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



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