

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                   |  |
|-------------------|--|
| Catalogue Number  | 21387  |
| Product           | <b>5-Bromo-6-chloro-3-indoxyl-<math>\alpha</math>-D-galactopyranoside</b>    |
| Lot Number        | 000475-38-52-122<br>5-Bromo-6-chloro-3-indolyl $\alpha$ -D-galactopyranoside |
| CAS Number        | 198402-60-7  |
| Molecular Formula | C <sub>14</sub> H <sub>15</sub> BrClNO <sub>6</sub>                          |
| Molecular Weight  | 408.63   |

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|                             |  |
|-----------------------------|--|
| Appearance                  | White powder   |
| Solubility                  | Clear and colorless solution (2% in DMF)   |
| Water Content (Karl Fisher) | 0.3%   |
| Optical Rotation            | [ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 145.2° (C=1 in DMF:H <sub>2</sub> O / 1:1) |
| <sup>1</sup> H NMR          | Conforms to structure  |
| Purity by TLC               | > 99%  |
| Storage                     | Store at 0-8 °C  |
| Remarks                     | 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