

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 21193 |
| Lot Number | 000475-119-170 |
| Product | 5-Bromo-4-chloro-3-indolyl-α-D-galactopyranoside 5-Bromo-4-chloro-3-indolyl- α -D-galactoside |
| CAS Number | 107021-38-5 |
| Molecular Formula | C ₁₄ H ₁₅ BrClNO ₆ |
| Molecular Weight | 408.63 |

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|------------------------------------|--|
| Appearance | White powder |
| Solubility | Clear and colorless solution (2% in DMF) |
| Water Content (Karl Fisher) | 0.5% |
| Optical Rotation | [α] _D ²⁰ = 145.1 ° (C=1, DMF:H ₂ O=1:1, dry basis) |
| ¹H NMR | Conforms to structure |
| Purity by TLC | 100% |
| Storage | Store at -20 °C |
| 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