

Product: 5-Bromo-4-chloro-3-indolyl- β -D-galactopyranoside, X-Gal

Grade: MOLECULAR BIOLOGY GRADE

Code: CL5821

Appearance: White microcrystalline powder

Mol. Formula: $C_{14}H_{15}BrClNO_6$

Mol. Weight: 408.64

CAS RN: [7240-90-6]

Description: Toxicity unknown (not listed in RTECS (III/1993) and Sax, 8th Ed.); avoid exposure

| <u>Assay:</u> | <u>Min</u> | <u>Max</u> | <u>Units</u> |
|---------------------------|------------|------------|--------------|
| Purity (TLC) | > 99.0 | | % |
| Elemental Analysis | | | |
| %C | 41.01 | | % |
| %H | 3.58 | | % |
| %N | 3.42 | | % |
| Water Content (K. Fisher) | | 0.2 | % |
| IR | authentic | | |

Storage: Store at -20°C. Protect from moisture and light.