



SPECIFICATION

5-Bromo-4-chloro-3-indolyl α -D-galactopyranoside

Product Code:	EB06819
Synonyms:	X-a-Gal X-a-D-Galactoside
CAS Number:	107021-38-5
Chemical Formula:	$C_{14}H_{15}BrClNO_6$
Molecular Weight:	408.63

TECHNICAL SPECIFICATION

Appearance:	White to off-white powder
Purity (TLC):	min 99%
Identity (1H NMR):	Conforms to structure
Water content (Karl Fischer):	max 1%
Specific optical rotation $[\alpha]_D$	+142 to +148° ²⁰ (c=1, DMF:H ₂ O 1:1):