

X-Gal

MB069

For Molecular Biology

Product Identifier

CAS No.	:	7240-90-6
EC No.	:	230-640-8
Molecular Formula	:	C ₁₄ H ₁₅ BrClNO ₆
Molecular Weight	:	408.63
Synonym	:	5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside
HS Code	:	2940 00 00
Storage	:	2 - 8°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to light yellow crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of dimethyl formamide
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Specific rotation	:	-72.00° to -60.00° (c= 1% in Dimethylformamide at 20°C)
Assay (HPLC)	:	min. 98.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	3