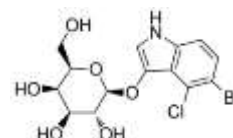


X-GAL FOR MOLECULAR BIOLOGY

PRODUCT CODE	998905
SYNONYMS	5-Bromo-4-chloro-3-indolyl β-D-Galactopyranoside
C.I. NO.	--
CASR NO.	7240-90-6
ATOMIC OR MOLECULAR FORMULA	C ₁₄ H ₁₅ BrClNO ₆
ATOMIC OR MOLECULAR WEIGHT	408.63
PROPERTIES	Store at 2-8°C



PARAMETER	LIMIT
Description	White to light yellow powder.
Solubility	2% solution in DMSO is clear.
Minimum assay (HPLC)	98.00 %
Specific rotation [α _D ²⁰] (c = 1% in dimethylformamide)	-72.0° to -60.0°
Melting range	About 230°C

MAXIMUM LIMIT OF IMPURITIES

Water (K.F.)	1.0%
DNase, RNase	None detected

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

Replace date 06-Jan-2026