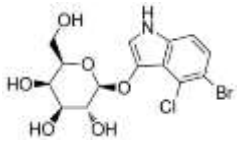
X-GAL FOR MOLECULAR BIOLOGY

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 $^{20}_{D}$] (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:--------

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :----------

Replace date 06-Jan-2026