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Specification

Technical Data Sheet

Product Name	X-Gal (5-Bromo-4-chloro-3-indolyl-beta-D-galactopyranoside)
Product No	11322533
CAS Number	7240-90-6
Storage Temperature	-15 to -20 °C
Molecular Weight	408.63

	Specification
Appearance of Solution	Clear, colourless to light yellow solution (50mg/ml in DMF:MeOH, 1:1)
Specific optical rotation	-61.5 +/- 1
Appearance	White to off-white crystalline powder
Purity HPLC	min 99%
Solubility (5 % in DMF)	Soluble (5% w/v,DMF)
Water KF	max 1%
Assay (HPLC on Anhydrous Basis)	min 98% w/w