



SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\54504XPS.xls		
PRODUCT CODE	54504		
PRODUCT NAME	5-BROMO-4-CHLORO-3-INDOLYL β-D-GALACTOPYRANOSIDE		
SYNONYMS	(X-Gal, BCIG)		
C.I. NO.	--		
CASR NO.	(7240-90-6)		
ATOMIC OR MOLECULAR FORMULA	C ₁₄ H ₁₅ BrClNO ₆		
ATOMIC OR MOLECULAR WEIGHT	408.6		
PROPERTIES	---		
C₁₄H₁₅BrClNO₆			
PARAMETER	LIMIT		
Description	White to light yellow powder.		
Solubility	2% solution in DMSO is clear.		
Minimum Assay (HPLC)	98.00%		
Specific rotation(α) D (C=1 in 1:1 DMF: H ₂ O)	- 62 ± 2°		
MAXIMUM LIMIT OF IMPURITIES			
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Note(s) :1) Assay (if applicable) method mentioned. 2) Storage : 0 – 8°C			
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: -----			IMDG Code :-- UN No. :-- IATA :--
Disposal: -----			
Hazard Pictogram(s) :--			
Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 16.04.2005 Revision No.: 01 Revision dt. : 02.04.2010 AMEND NO. :1554

