



ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

ISOPROPYL-β-D-THIOGALACTOPYRANOSIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	R08282
SYNONYMS	Isopropyl-b-D-thiogalactoside; IPTG
C.I. NO.	--
CASR NO.	367-93-1
ATOMIC OR MOLECULAR FORMULA	C ₉ H ₁₈ O ₅ S
ATOMIC OR MOLECULAR WEIGHT	238.30
PROPERTIES	Store at 2-8°C
PARAMETER	LIMIT
Description	White to off-white crystals or crystalline powder.
Solubility	Soluble in water.
Minimum assay (HPLC/GC)	99.00%
Specific rotation (c = 1% in water at 20°C)	-38.00 to -27.00°
MAXIMUM LIMIT OF IMPURITY	
Water (K.F.)	1.00%
1,4-Dioxane content	Should be absent
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 : --
 GHS05	
 GHS07	

Replace Date 1 April 2023

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