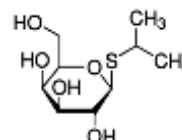


## ISOPROPYL-β-D-THIOGALACTOPYRANOSIDE FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	949110
<b>SYNONYMS</b>	Isopropyl-β-D-thiogalactoside; IPTG
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	367-93-1
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>9</sub> H <sub>18</sub> O <sub>5</sub> S
<b>ATOMIC OR MOLECULAR WEIGHT</b>	238.30
<b>PROPERTIES</b>	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.**

<b>WARNING</b>	IMDG Code : -- UN No. : -- IATA : --
<b>Hazard statements:</b> Not hazardous. No hazards.	
<b>Precautionary statements</b>	
<b>Prevention:</b> ----- <b>Response:</b> -----	

**Disposal:**-----

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