

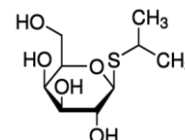


Product Specification

cdhfinechemical.com

ISOPROPYL- β -D-THIOGALACTOPYRANOSIDE FOR MOLECULAR BIOLOGY

| | |
|-----------------------------|---|
| PRODUCT CODE | 949110 |
| 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 : --