

PRODUCT SPECIFICATION

Product Specification

Product Name: Isopropyl-beta-D-thiogalactopyranoside, 99%, for biochemistry, dioxane-free
Catalog Number: AV.977005

CAS Number: 367-93-1
Molecular Formula: C₉H₁₈O₅S
Molecular Weight: 238.30
InChI Key: BPHPUYQFMNQIOC-NXRLNHOXSA-N
SMILES: CC(C)S[C@@H]1O[C@H](CO)[C@H](O)[C@H](O)[C@H]1O
Synonym: IPTG isopropyl-β-D-thiogalactoside isopropyl β-D-thiogalactoside isopropyl thiogalactoside

Product Specification

Appearance (Color): White
Appearance (Form): Powder or flakes
Infrared spectrum: Conforms
HPLC: ≥98.5 %
Water: ≤1 % (K.F.)
Specific optical rotation: -29° to -33° (20°C, 589 nm) (c=1, water)
Solubility: (5 % in water) Clear colorless

Date Of Print: 04/23/2023

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.

