



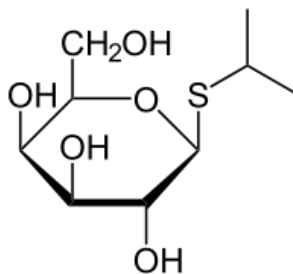
Catalog # 10-2394

IPTG

CAS# 367-93-1

Isopropyl β -D-thiogalactopyranoside
(non-animal origin)

Lot # X106015



PHYSICAL DATA

Molecular Weight:	238.30
Molecular Formula:	C ₉ H ₁₈ O ₅ S
Purity:	99% by HPLC
	NMR: (Conforms)
Solubility:	Water or Methanol
pH:	5% solution in water has a pH of 6.18
Heavy Metals:	Lead < 2 ppm
Dioxane:	Not detected
Optical Rotation:	[α] _D -32.25 (C=1, in H ₂ O)
Water Content:	0.38% (Karl Fischer)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Solutions in Distilled water or methanol may be stored at -20°C for up to 3 months.

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