

Chem-Impex International, Inc.

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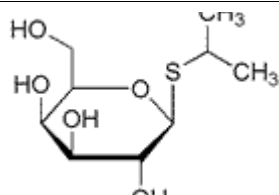
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00194
Product	Isopropyl-β-D-thiogalactopyranoside, IPTG
	Isopropyl-β-D-thiogalactoside
CAS Number	367-93-1
Molecular Formula	C ₉ H ₁₈ O ₅ S
Molecular Weight	238.31

Appearance	White to almost white crystalline powder
Solubility	Soluble in Water and Methanol
Melting Point	108 - 116 °C
pH	5 - 7
Optical Rotation	[α] ²⁰ _D = -28.5 to -34.5 °
Infrared Spectrum	Conforms to standard
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only