

Product Specification

Product Name: IPTG
Isopropyl β -D-Thiogalactosid

Item Nr.: 1043 MW: 238.30 g/mol C₉H₁₈O₅S
CAS Nr.: 367-93-1 E.C.Nr.: EINECS: 206-703-0

Parameter	Methode	Specification	Unit
Appearance	visual	White crystalline powder	
Solubility	5% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	HPLC (as dry substance)	>95.0	%
pH	5% in H ₂ O	<8.0	
Optical rotation	$[\alpha]_{20D}$ 1% in H ₂ O	-28.5 - -34.0	°
Water	KF	<6.0	%

Storage: Keep well closed at -20 °C in a dark and dry place. No adverse effect of ambient temperatures in transit.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/31.01.2022