

neoFroxx GmbH

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Specification

Product	IPTG for molecular biology
Brand	BioFroxx

Product number	1140 (revised)
Synonym(s)	Isopropyl β -D-thiogalactopyranoside
Formula	$C_9H_{18}O_5S$
Molecular weight	238.30 g/mol
CAS number	367-93-1
Storage	-20°C
Retest period (months)	48

Parameter	Specification
DNases/RNases/Proteases	not detectable
Assay (HPLC)	99.5 % - 100.5 %
Appearance	white crystalline powder (revised)
α 20°C/D; 1 % in water	-28.5° to -34.5°
Dioxane	not detectable
Water (K.F.)	max. 1.0 %
Melting point	110° - 114°C (revised)

Einhausen, 20.03.2021 (revised)