

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	IPTG for molecular biology
Product number	1140
Synonyms	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
Assay (HPLC)	99.5 - 100.5 %
Appearance	white crystalline powder
Specific rotation	-28.5° to -34.5°
Melting point	110°C - 114°C
Water	≤ 1 %
DNases/RNases/Proteases	not detectable
Dioxane	not detectable

Einhausen, 14.07.2024