

**neoFroxx GmbH**

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## Specification

Product	IPTG from plant for biochemistry
Product number	1535
Synonyms	Isopropyl $\beta$ -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

TSE/BSE declaration: The product is manufactured wholly from synthetic materials or plant origin and does not contain any raw materials produced from or substances derived of animal origin. Moreover this product is not derived from specific risk materials as defined in Guideline EMEA/410/01 final Rev. 03/2004.

All packaging materials are not of animal origin. The product does not come in contact with animal products during storage or transportation.

Parameter	Specification
Assay (HPLC)	$\geq 99 \%$
Appearance	white crystalline powder
Solubility (5 % in water)	clear, colorless
Specific rotation (1 % in water)	-28.5° to -34.5°
pH (5 % in water, 20°C)	5 - 7
Dioxane	not detectable
Water (K.F.)	$\leq 1 \%$

Einhausen, 26.11.2025