

CERTIFICATE OF ANALYSIS

Product ISOPROPYL-\$-D-THIOGALACTOPYRANOSIDE (IPTG)

Product number I1401 Batch number 013519 Date of analysis 19-12-2017 Date of expiry 31-12-2022

Packaging and storage in a well-closed container under dry conditions between -25°C --15°C

Appearance	SPECIFICATION white powder	RESULT complies	UNITS	REMARKS
Solubility	clear and colourless	complies		5% in H ₂ O
IR-spectrum	conform	complies		
pH	5.0 - 8.0	6.3		5% in H ₂ O
Specific rotation	-3034	-33.0	o	$C=1, H_2O$
1,4-Dioxane	≤ 1	complies	ppm	GC
Water	≤ 1.0	0.1	%	Karl Fischer
Assay	≥ 99.0	99.8	%	HPLC

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist

Department of Quality Control Duchefa B.V.

Date: 02-02-2018

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

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