

CERTIFICATE OF ANALYSIS

Product : **ISOPROPYL- β -D-THIOGALACTOPYRANOSIDE (IPTG)**
 Product number : 11401
 Batch number : 011174
 Date of analysis : xx-04-2015
 Date of expiry : 30-04-2020

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility	soluble in water and methanol	complies		
Identification	conform	complies		IR-spectrum
Melting point	110 – 114	111 – 113	°C	
pH	5.5 – 7.0	6.87		5% in H ₂ O
Specific optical rotation	-30 – -33	-32.11	°	
1,4-Dioxane	conform	not detected		
Water	≤ 1.0	0.40	%	
Assay	≥ 99.0	99.1	%	


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: 13-04-2015



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