

CERTIFICATE OF ANALYSIS

Product : **ISOPROPYL-β-D-THIOGALACTOPYRANOSIDE (IPTG)**
 Product number : 11401
 Batch number : 012497
 Date of analysis : xx-09-2016
 Date of expiry : 30-11-2021

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	clear and colourless	complies		
Melting point	110 – 114	111 – 113	°C	
pH	5 – 7	complies		5% in H ₂ O
Specific optical rotation	-30 – -33	complies	°	
1,4-Dioxane	conform	not detected		
Water	≤ 1.0	0.16	%	
Assay	≥ 99.0	complies	%	
Heavy metals	< 5	not detected	ppm	Pb

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: 02-11-2016



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