

CERTIFICATE OF ANALYSIS

Product : **ISOPROPYL-β-D-THIOGALACTOPYRANOSIDE (IPTG)**
 Product number : 11401
 Batch number : 010709
 Date of production :
 Date of analysis : xx-04-2014
 Date of expiry : 30-04-2019

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 in ethanol	complies		
Melting point	110 – 114	111.0 – 113.0	°C	
pH	5.5 – 7.0	5.67		
Specific optical rotation	-30 – -33	-30.25	°	
1,4-Dioxane	conform	not detected		
Water	≤ 1	0.55	%	
Assay	≥ 99	99.56	%	

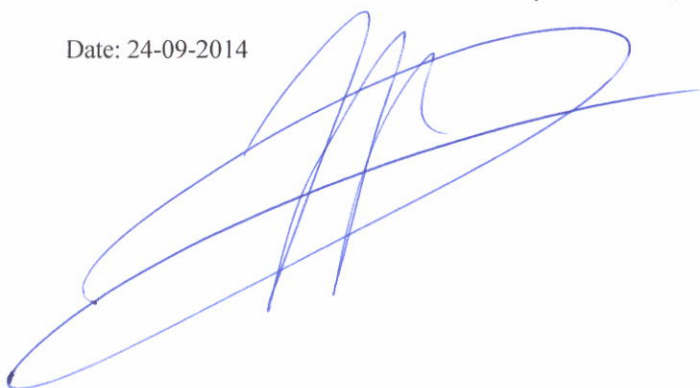
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 24-09-2014



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