



CERTIFICATE OF ANALYSIS

Date: 31/01/18

PRODUCT NAME : ISO PROPYL β -D-1-THIOGALACTOPYRANOSIDE (IPTG)

CAS No : 367- 93- 1
Mol. Formula : $C_9H_{18}SO_5$
Mol. WT : 238.3
Exp. : Dec. 2022

Product code : 15130
Batch No : MCR-2427-02
Mfd. : Jan. 2018

S. R	Test	Specification	Observation
1	Assay	99% min	99.58%
2	Residue on ignition	max. 0.2%	0.01%
3	Loss on drying	max. 6%	4.2%
4	Specific rotation (dry matter) $[\alpha]^{20}_D$	-31.5 +/- 0.5 ⁰	-31.6 ⁰

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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