



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	ISO PROPYL B-D-1-THIOGALACTO PYRANOSIDE 99% MOLECULAR BIOLOGY
Cas No.	367-93-1
Code No.	B-01478
Batch No.	BC01251401
Mfg.Date	JAN-2024
Date of Analysis	30/01/2025
Retest Date	DEC-2030

TEST	SPECIFICATION	RESULT
Appearance	White to off-white powder	White powder
Assay	Min 99.0%	99.70%
Residue on ignition	Max 0.2%	0.06%
Loss on drying	Max 6%	2.24%
Specific optical rotation ($[\alpha]_{20}^{25}$; on dried substance)	-37.5+/-0.5°	-37.4°
Specific optical rotation ($[\alpha]_{20}^D$; on dried substance)	-31.5+/-0.5°	-31.6°

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on
+91-7404210730 Website- www.biofinechemical.com