

# TAIZHOU LINGFENG BIOTECHNOLOGY CO., LTD

## CERTIFICATE OF ANALYSIS

Product Name	Isopropyl-β-D-thiogalactopyranoside		
Batch No.	C003-2507001	Storage	Preserve in well-closed containers Store at room temperature
Quantity	500.00kg	Spec.	25kg/Drum
Manufacture Date	Jul. 13,2025	Retest Date	Jul. 12,2027
Cas No.	367-93-1	Quantity Specification	In-house

Tests	Specification	Results
Description	White or off white solid	White solid
Identification	The RT of the principal peak in sample preparation should match with the RT of the principal peak of the standard preparation in assay	Complies
Solubility in water	Clear solution	Complies
Water content	Not more than 8.0%	0.4%
pH	5.0-7.0	6.7
Specific rotation	-28° — -33°	-32.1°
Assay	Not less than 98.0%	99.7%
Conclusion	The batch of product been tested conforms to the specification approved.	
Remark	N/A	
Reported by:	Reviewed by:	Approved by:
Date:	Date:	Date:

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