

Specification

Technical Data Sheet

CAS 367-93-1	STORAGE 2 to 8 °C	MOLECULAR WEIGHT 238.30
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PRODUCT**IPTG (Animal-free origin D-Galactose)**

Product number	66865688
CAS number	367-93-1
Molecular formula	C ₉ H ₁₈ O ₅
Molecular weight	238.30 g/mol

PARAMETER	SPECIFICATION
Appearance	White to almost white crystalline powder
Melting Point	110.0 - 114.0°C
pH	5.0 - 7.0
1,4-Dioxane	Not detected
Solubility	Soluble in water and methanol
Specific optical rotation	-31.5° +/- 3.0
Purity HPLC dry basis	≥ 99.0%
Water (KF)	≤ 1.0%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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