

Specification

Technical Data Sheet

CAS 50-69-1	STORAGE Ambient	MOLECULAR WEIGHT 150.13
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PRODUCT**D-Ribose Standard Grade**

Product number	90036539
CAS number	50-69-1
Molecular formula	C ₅ H ₁₀ O ₅
Molecular weight	150.13 g/mol

PARAMETER	SPECIFICATION
Appearance	White to off-white crystalline solid or powder
Assay (HPLC)	97.0 - 103.0%
Heavy metals	≤ 10ppm
Identification	Positive
Loss on Drying	≤ 3.0%
Melting Point	80.0 - 90.0°C
Residue on Ignition	≤ 0.2%
Specific optical rotation	-18° to -22°

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.

Reg No 6879903 VAT GB 744 9721 05