

Specification

Technical Data Sheet

CAS 53179-09-2	STORAGE Ambient	MOLECULAR WEIGHT 1,385.44
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PRODUCT**Sisomicin sulfate**

Product number	32099229
CAS number	53179-09-2
Molecular formula	2C19H37N5O7 · 5H2O4S
Molecular weight	1,385.44 g/mol

PARAMETER	SPECIFICATION
Appearance	White Powder
Assay	(Dried Basis): 580 $\hat{1}\frac{1}{4}$ g/mg min (Wet Basis): No limits ($\hat{1}\frac{1}{4}$ g/mg)
Grade	USP28
Identification	Positive Reaction
Loss on Drying	Max 15%
pH	3.5 to 5.5
Specific rotation	+100deg to +110deg
Residue on Ignition	Max 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.

Reg No 6879903 VAT GB 744 9721 05