

Specification

Technical Data Sheet

CAS**25389-94-0****STORAGE****Ambient****MOLECULAR WEIGHT****582.58****PRODUCT****Kanamycin A Sulfate (Ox)**

Product number	90038518
CAS number	25389-94-0
Molecular formula	C ₁₈ H ₃₆ N ₄ O ₁₁ · H ₂ O ₄ S
Molecular weight	582.58 g/mol

PARAMETER**SPECIFICATION**

Appearance	White powder
Assay	≥765 Kanamycin units/mg
Loss on Drying	≤1.5%
pH	7.0 - 9.0
Specific rotation	+116° to +123°
Bacterial endotoxins	<0.4 EU/1000
Clarity in Solution	≤1
Residue on Ignition	≤0.5%
Sulphate	15.0 - 17.0%
Kanamycin B	≤2.0%
Solution Colour	Yellow-green (No2)

**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.

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