

Specification

Technical Data Sheet

CAS 149022-22-0	STORAGE 2 to 8 &deg;C	MOLECULAR WEIGHT 762.15
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PRODUCT**Amikacin sulfate(5:9)**

Product number	90030023
CAS number	149022-22-0
Molecular formula	C ₂₂ H ₄₃ N ₅ O ₁₃ ·1.8H ₂ SO ₄
Molecular weight	762.15 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystalline powder
Assay	691ug/mg - 806ug/mg (dried basis)
Acetone	≤2000ppm
Acetonitrile	≤410ppm
IR	The spectrum of the sample corresponds to that of RS
Loss on Drying	13.0% max
pH	6.0 - 7.5
Ethanol	≤5000ppm
Methanol	≤3000ppm
Optical Rotation	+76° - 84°
Residue on Ignition	≤1.0%
Solubility	Soluble in water
TLC	Colour and R _f accordance with RS

**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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