

Specification

Technical Data Sheet

CAS 1264-72-8	STORAGE 2 to 8 &deg;C	MOLECULAR WEIGHT 1253.51
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PRODUCT**Colistin Sulfate**

Product number	90038064
CAS number	1264-72-8
Molecular formula	C52H98N16O13 . H2SO4
Molecular weight	1253.51 g/mol

PARAMETER	SPECIFICATION
Appearance	White to almost white powder
Loss on Drying	≤3.5%
pH	4.0 -6.0
Molekula Supplier ID reference	-
Solubility	Freely soluble in water, slightly soluble in ethanol (96%), practically insoluble in acetone trichloromethane or diethyl ether
Specific optical rotation	-63° to -73°
Sulphated Ash	≤1.0%
Total Impurities	≤23.0%
Identification (IR)	Conforms to reference
Potency (Dry Basis)	≥ 19000 IU/mg
Sulphates (SO4)(2-)	16.0% - 18.0%

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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