

Specification

Technical Data Sheet

CAS

1404-93-9

STORAGE

2 to 8 °C

MOLECULAR WEIGHT

1485.72

PRODUCT

Vancomycin hydrochloride, USP Grade

Product number	90031721
CAS number	1404-93-9
Molecular formula	C ₆₆ H ₇₅ Cl ₂ N ₉ O ₂₄ .HCl
Molecular weight	1485.72 g/mol

PARAMETER

SPECIFICATION

Appearance	White to almost white or tan to brown free flowing powder.
Assay	≥900µg/mg
Conclusion	Complies with USP43 standard
Identification	Conforms to structure
pH	2.5 - 4.5
Total impurity	≤10.0%
Water	≤5.0%
Agluco vancomycin B	≤4.0%
Bacterial endotoxins	≤0.33EU/mg
Composition of vancomycin	Vancomycin B ≥90.0%
Desamido vancomycin B	≤4.0%
Desvancosaminyl vancomycin B	≤4.0%
N-demethyl vancomycin B	≤4.0%
Residue on Ignition	≤1.0%
Solubility	Freely soluble in water insoluble in ether and chloroform
Any individual impurity	≤5.0%

PARAMETER	SPECIFICATION
Limit of monodechlorovancomycin	≤4.7%
Microbial limits	Total aerobic bacteria ≤100CFU/g. Total moulds and yeasts ≤10CFU/g

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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