

Specification

Technical Data Sheet

CAS**42540-40-9****STORAGE****Ambient****MOLECULAR WEIGHT****512.50****PRODUCT****Cefamandole formate sodium salt****Product number** 90038175**CAS number** 42540-40-9**Molecular formula** C₁₉H₁₇N₆O₆S₂Na**Molecular weight** 512.50 g/mol**PARAMETER****SPECIFICATION****Appearance**

White to off-white powder

Assay/Purity

84.0%~93.0%

pH

4.0~6.5

Specific rotation

-35.0° ~ -44.0°

Water

≤2.5%

2-aminohexanoic acid

≤0.3%

Related Substances

Any Single impurity other than Cefamandole≤1.0%: Total impurities ≤1.0%

Residual Solvents

Acetone ≤5000ppm: Ethyl acetate ≤5000ppm: Isopropanol ≤5000ppm

Cefamandole

≤9.5%

Insoluble Particles

≥10μm , ≤6000 particles/g ≥25μm , ≤600 particles/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.

Reg No 6879903 VAT GB 744 9721 05