

Specification

Technical Data Sheet

CAS**186826-86-8****STORAGE****2 to 8 °C****MOLECULAR WEIGHT****437.89****PRODUCT****Moxifloxacin hydrochloride - Ph. Eur. grade****Product number** 90036076**CAS number** 186826-86-8**Molecular formula** C₂₁H₂₄FN₃O₄•HCl**Molecular weight** 437.89 g/mol**PARAMETER****SPECIFICATION****Appearance**

Yellow powder

Assay

98.0 - 102.0%

Grade

EP Grade

Impurity A

≤ 0.1%

pH

3.9 - 4.6

Water

≤ 4.5%

Appearance of Solution

Clear colourless (≤ GY2)

Bacterial endotoxins

≤ 0.5EU

Osmolality (mOsm/kg)

260 - 320

Specific optical rotation

-125 to -138°

Sulphated Ash

≤ 0.1%

Total Impurities

≤ 0.3%

Identification (HPLC)

Conform to reference retention time

Identification (IR)

Conform to reference

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