

Specification

Technical Data Sheet

CAS**5934-29-2****STORAGE****Ambient****MOLECULAR WEIGHT****209.63****PRODUCT****L-Histidine monohydrochloride monohydrate EP Grade****Product number** 90035801**CAS number** 5934-29-2**Molecular formula** C₆H₉N₃O₂ · HCl · H₂O**Molecular weight** 209.63 g/mol**PARAMETER****SPECIFICATION**

Appearance	White or almost white crystalline powder or colourless crystal.
Assay	98.5% ~ 101.0%
Identification	Meets requirement
Loss on Drying	7.0-10.0%
pH	3.0 - 5.0
Specific rotation	+9.2° ~ +10.6°
Appearance of Solution	Solution is clear and not more intensely coloured than reference solution BY6
Heavy Metals (Pb)	≤10ppm
Iron (Fe)	≤10ppm
Ninhydrin-positive substances	≤0.5%
Residue on Ignition	≤0.1%
Ammonium (NH₄)	≤200ppm
Sulphates (SO₄)(2-)	≤300ppm

**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