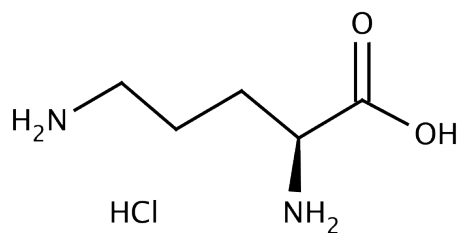


## Product Specification

Product Name : L-Ornithine monohydrochloride  
Glentham Code : GM2431  
CAS Number : 3184-13-2  
EINECS : 221-678-6  
MDL Number : MFCD00064562  
PubChem SID : 310278380

Molecular Weight : 168.62  
Molecular Formula :  $C_5H_{12}N_2O_2 \cdot HCl$   
Storage Temp. : +20°C



Property	Specification
Physical Description	White crystalline powder
Assay	99.0 - 101.0 %
pH	5.0 - 6.0
Loss on Drying	≤ 0.2%
Residue on Ignition	≤ 0.1%
Heavy Metals (as Pb)	≤ 10ppm
Arsenic (As)	≤ 0.1ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Sulphate (SO <sub>4</sub> )	≤ 200ppm
Ammonia (NH <sub>4</sub> )	≤ 200ppm
Iron (Fe)	≤ 10ppm
Specific Optical Rotation	23.0 - 25.0 °

Specification Version : v1.0  
Date Created : 2014-11-03

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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