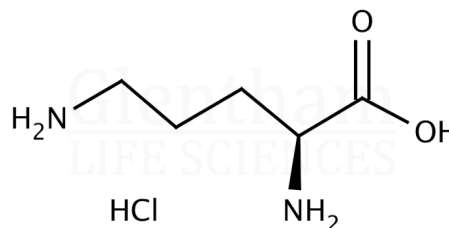


## Product Specification

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)	≤ 1ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Sulphate (SO4)	≤ 200ppm
Ammonia (NH4)	≤ 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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