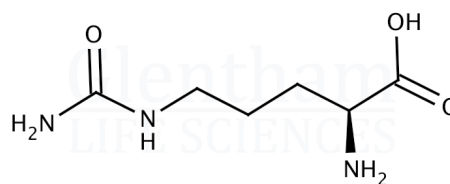


## Product Specification

Product Name	L-Citrulline
Glentham Code	GM7920
CAS Number	372-75-8
EINECS	206-759-6
MDL Number	MFCD00064397
PubChem SID	310270372
Molecular Weight	175.19
Molecular Formula	$C_6H_{13}N_3O_3$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Solubility (5% in water)	Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	+24.5 - +26.8 ° (c=8, 6M HCl)
Residue on Ignition	≤ 0.1%
Iron (Fe)	≤ 10ppm
Heavy Metals (as Pb)	≤ 10ppm
Ammonium (NH <sub>4</sub> )	≤ 200ppm
Chloride (Cl)	≤ 200ppm
Sulphate (SO <sub>4</sub> )	≤ 200ppm
Loss on Drying	≤ 0.5%
Assay	98.0 - 102.0 % (dried basis)

Specification Version	-	v1.0
Date Created	-	2017-09-06

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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