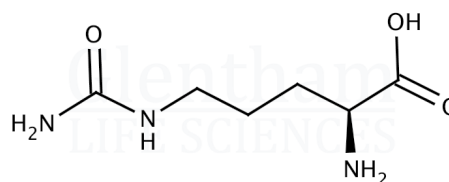


Certificate of Analysis

Product Name L-Citrulline
Glentham Code GM7920
CAS Number 372-75-8
EINECS 206-759-6
MDL-Nummer MFCD00064397
PubChem SID 310270372
Batch Number 612TMD

Molecular Weight 175.19
Molecular Formula $C_6H_{13}N_3O_3$
Storage Temp. +20°C



Property	Specification	Batch 612TMD
Physical Description	White or almost white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Entspricht
Specific Optical Rotation ([α] _{20/D})	+24.5 - +26.8 ° (c=8, 6M HCl)	+25.8°
Residue on Ignition	≤ 0.1%	0.08%
Iron (Fe)	≤ 10ppm	Entspricht
Heavy Metals (as Pb)	≤ 10ppm	Entspricht
Ammonium (NH ₄)	≤ 200ppm	Entspricht
Chloride (Cl)	≤ 200ppm	Entspricht
Sulphate (SO ₄)	≤ 200ppm	Entspricht
Loss on Drying	≤ 0.5%	0.19%
Assay	98.0 - 102.0 % (dried basis)	99.8%

Specification Version v1.0
Manufacture Date 2017-03-20
Re-Test Date 2027-09-06

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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025