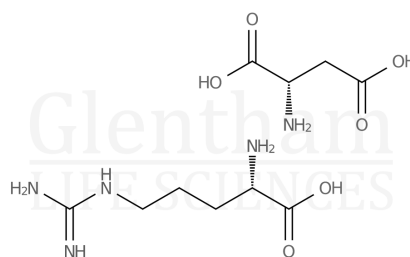


Product Specification

Product Name	L-Arginine L-aspartate
Glenthams Code	GH1375
CAS Number	7675-83-4
EINECS	231-656-8
MDL Number	MFCD00058334

Molecular Weight	307.30
Molecular Formula	$C_4H_7NO_4 \cdot C_6H_{14}N_4O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or almost white crystalline powder
Identification (IR)	To conform to standard
Solubility (10% in water)	Clear, colourless solution
pH (10% in water)	5.5 - 7.0
Specific Optical Rotation ($[\alpha]_{20/D}$)	+24.5 - +28.5 ° (c=8, 6M HCl)
Chloride (Cl)	≤ 0.05%
Sulphate (SO ₄)	≤ 0.03%
Ammonium (NH ₄)	≤ 0.02%
Other Amino Acids	Not detectable
Iron (Fe)	≤ 30ppm
Heavy Metals (as Pb)	≤ 10ppm
Arsenic (As)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm
Residue on Ignition	≤ 0.2%
Loss on Drying	≤ 3.0%
Assay	98.0 - 101.0 %

Specification Version	-	v1.0
Date Created	-	2018-02-21

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.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. © Glenthams Life Sciences Ltd, 2025