

Product Datasheet

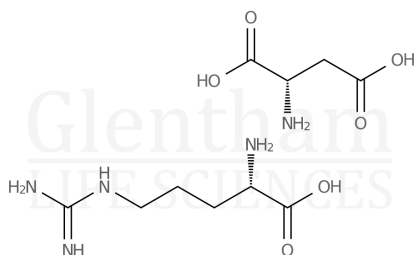
GH1375 - L-Arginine L-aspartate

Product Details

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

Structure

Molecular Weight	: 307.30
Molecular Formula	: $C_4H_7NO_4 \cdot C_6H_{14}N_4O_2$



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 ([α] _{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 %
Version	: v1.0

About L-Arginine L-aspartate

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

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