

Product Datasheet

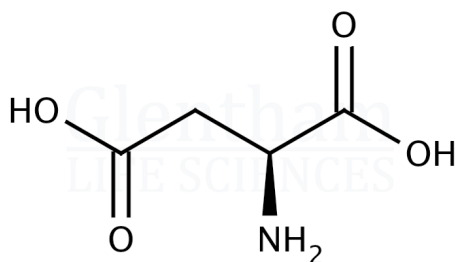
GM3196 - L-Aspartic acid, Ph. Eur. grade

Product Details

Product Name	L-Aspartic acid, Ph. Eur. grade
Glentham Code	GM3196
CAS Number	56-84-8
EINECS	200-291-6
Numéro MDL	MFCD00002616
PubChem SID	310267057
Related Categories	Amino Acids, Biochemicals, Enzyme Substrates

Structure

Molecular Weight	: 133.10
Molecular Formula	: $C_4H_7NO_4$



Physical Description	: White to off-white crystalline powder
Identification	: To pass tests
Appearance of Solution	: To pass test ($\leq$ BY6)
Specific Optical Rotation	: $+24.0 - +26.0^\circ$
Ninhydrin-positive substances	: To pass test
Iron (Fe)	: $\leq 10\text{ppm}$
Lead (Pb)	: $\leq 3\text{ppm}$
Cadmium (Cd)	: $\leq 1\text{ppm}$
Mercury (Hg)	: $\leq 0.1\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Loss on Drying	: $\leq 0.5\%$
Chloride (Cl)	: $\leq 200\text{ppm}$
Sulphate (SO_4)	: $\leq 300\text{ppm}$
Ammonium (NH_4)	: $\leq 200\text{ppm}$
Sulphated Ash	: $\leq 0.1\%$
Assay	: 98.5 - 101.5 %
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

About L-Aspartic acid, Ph. Eur. grade

No further details on record.

Storage

Recommended storage temperature: $+20^\circ\text{C}$.

Hazards and Transport

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

Glentham Product Specification

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