

Product Datasheet

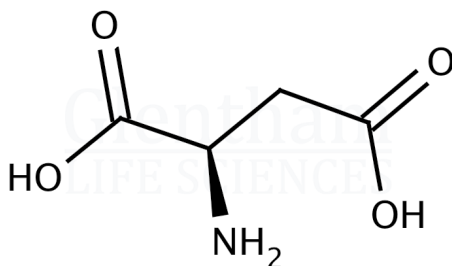
GM2767 - D-Aspartic acid

Product Details

Product Name	D-Aspartic acid
Glentham Code	GM2767
CAS Number	1783-96-6
EINECS	217-234-6
MDL-Nummer	MFCD00063081
PubChem SID	310267058
Related Categories	Amino Acids, Biochemicals

Structure

Molecular Weight	: 133.10
Molecular Formula	: $C_4H_7NO_4$



Solubility (5% in 1M NH ₄ OH)	: Clear, colourless to very faint yellow solution
Specific Optical Rotation ([α] _{20/D})	: -26.0 - -24.0 ° (c=5, 5M HCl)
Chloride (Cl)	: ≤ 0.02%
Ammonium (NH ₄)	: ≤ 0.02%
Iron (Fe)	: ≤ 10ppm
Heavy Metals	: ≤ 10ppm
Arsenic (As ₂ O ₃)	: ≤ 1ppm
Lead (Pb)	: ≤ 3ppm
Cadmium (Cd)	: ≤ 1ppm
Mercury (Hg)	: ≤ 0.1ppm
Residue on Ignition	: ≤ 0.1%
L-Isomer	: ≤ 0.5%
Other Amino Acids	: ≤ 0.3%
Loss on Drying	: ≤ 0.5%
Assay	: 99.0 - 101.0 % (anhydrous basis)
Version	: v1.0

About D-Aspartic acid

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.

Glentham Product Specification

Physical Description : White to almost white powder

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