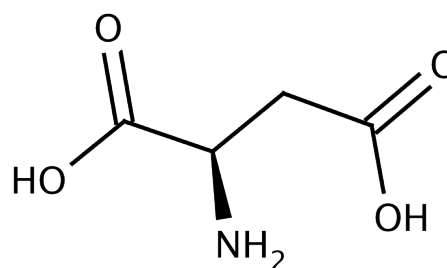


Product Specification

Product Name : D-Aspartic acid
Glentham Code : GM2767
CAS Number : 1783-96-6
EINECS : 217-234-6
MDL Number : MFCD00063081
PubChem SID : 310267058

Molecular Weight : 133.10
Molecular Formula : C₄H₇NO₄
Storage Temp. : +20°C



Property	Specification
Physical Description	White to almost white powder
Solubility (5% in 1M NH ₄ OH)	Clear, colourless to very faint yellow solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-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)

Specification Version : v1.0
Date Created : 2016-07-15

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.

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