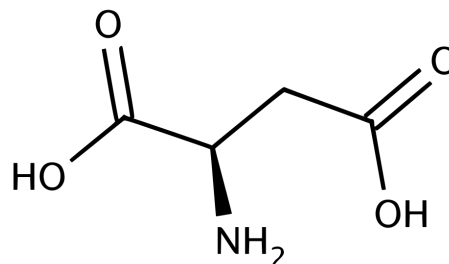


Product Specification

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 NH4OH)	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 (NH4)	≤ 0.02%
Iron (Fe)	≤ 10ppm
Heavy Metals	≤ 10ppm
Arsenic (As2O3)	≤ 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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2022