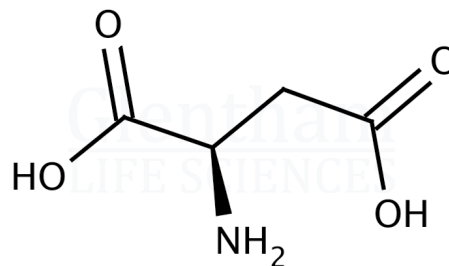


## Product Specification

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	$C_4H_7NO_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder
Solubility (5% in 1M NH <sub>4</sub> OH)	Clear, colourless to very faint yellow solution
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> /D)	-26.0 - -24.0 ° (c=5, 5M HCl)
Chloride (Cl)	≤ 0.02%
Ammonium (NH <sub>4</sub> )	≤ 0.02%
Iron (Fe)	≤ 10ppm
Heavy Metals	≤ 10ppm
Arsenic (As <sub>2</sub> O <sub>3</sub> )	≤ 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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