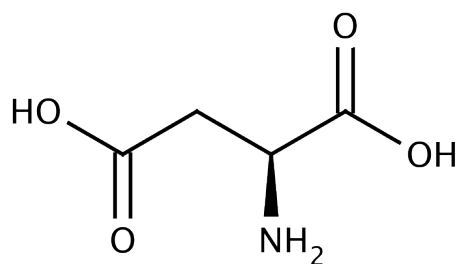


## Product Specification

Product Name : L-Aspartic acid  
Glentham Code : GM3196  
CAS Number : 56-84-8  
EINECS : 200-291-6  
MDL Number : MFCD00002616  
PubChem SID : 310267057

Molecular Weight : 133.10  
Molecular Formula : C<sub>4</sub>H<sub>7</sub>NO<sub>4</sub>  
Storage Temp. : +20°C



Property	Specification
Physical Description	White to off-white crystalline powder
Identification	To pass tests
Appearance of Solution	To pass test (≤ BY6)
Specific Optical Rotation	+24.0 - +26.0 °
Ninhydrin-positive substances	To pass test
Iron (Fe)	≤ 10ppm
Lead (Pb)	≤ 3ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Arsenic (As)	≤ 1ppm
Loss on Drying	≤ 0.5%
Chloride (Cl)	≤ 200ppm
Sulphate (SO <sub>4</sub> )	≤ 300ppm
Ammonium (NH <sub>4</sub> )	≤ 200ppm
Sulphated Ash	≤ 0.1%
Assay	98.5 - 101.5 %
Pharmacopoeia Specification(s)	EP

Specification Version : v1.0  
Date Created : 2014-05-14

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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