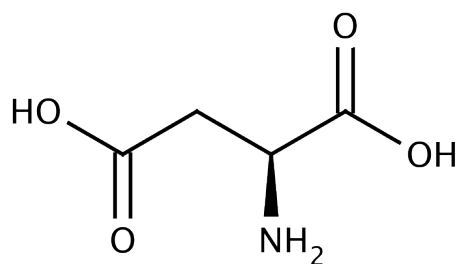


Product Specification

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 : C₄H₇NO₄
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 ₄)	≤ 300ppm
Ammonium (NH ₄)	≤ 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 or contact us using the details above for the current version of this document.

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