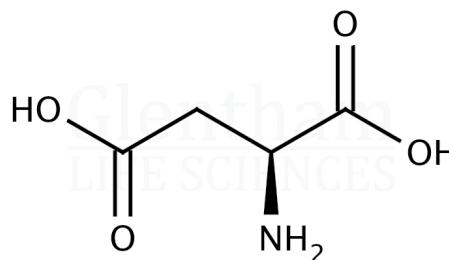


Product Specification

Product Name	L-Aspartic acid, Ph. Eur. grade
Glentham Code	GM3196
CAS Number	56-84-8
EINECS	200-291-6
MDL Number	MFCD00002616
PubChem SID	310267057
Molecular Weight	133.10
Molecular Formula	$C_4H_7NO_4$
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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