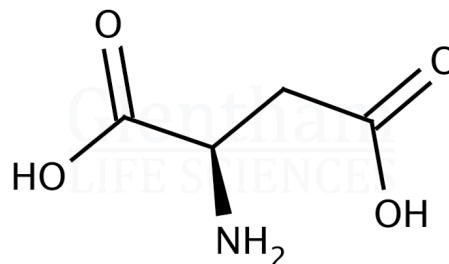


Certificate of Analysis

Product Name D-Aspartic acid
Glenthams Code GM2767
CAS Number 1783-96-6
EINECS 217-234-6
MDL-Nummer MFCD00063081
PubChem SID 310267058
Batch Number 873MPQ

Molecular Weight 133.10
Molecular Formula $C_4H_7NO_4$
Storage Temp. +20°C



Property	Specification	Batch 873MPQ
Physical Description	White to almost white powder	White crystalline powder
Solubility (5% in 1M NH4OH)	Clear, colourless to very faint yellow solution	Entspricht
Specific Optical Rotation ($[\alpha]_{20/D}$)	-26.0 - -24.0 ° (c=5, 5M HCl)	-25.41 °
Chloride (Cl)	≤ 0.02%	Entspricht
Ammonium (NH4)	≤ 0.02%	Entspricht
Iron (Fe)	≤ 10ppm	Entspricht
Heavy Metals	≤ 10ppm	Entspricht
Arsenic (As2O3)	≤ 1ppm	Entspricht
Lead (Pb)	≤ 3ppm	Entspricht
Cadmium (Cd)	≤ 1ppm	Entspricht
Mercury (Hg)	≤ 0.1ppm	Entspricht
Residue on Ignition	≤ 0.1%	0.07%
L-Isomer	≤ 0.5%	Entspricht
Other Amino Acids	≤ 0.3%	Not detected%
Loss on Drying	≤ 0.5%	0.06%
Assay	99.0 - 101.0 % (anhydrous basis)	99.6%

Specification Version v1.0
Manufacture Date 2020-01-10
Re-Test Date 2029-02-02

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.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. © Glenthams Life Sciences Ltd, 2025