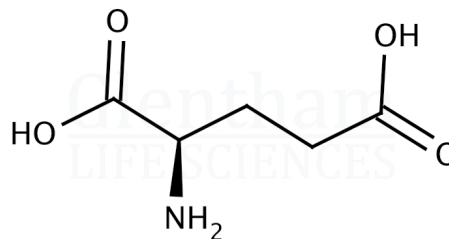


Product Specification

Product Name	D-Glutamic acid
Glentham Code	GE7245
CAS Number	6893-26-1
EINECS	230-000-8
MDL-Nummer	MFCD00063112
PubChem SID	310274213
Molecular Weight	147.13
Molecular Formula	$C_5H_9NO_4$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white powder
Solubility (5% in 1M HCl)	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-33.0 - -29.0 ° (c=5, 5M HCl)
Residue on Ignition	≤ 0.2%
Chloride (Cl)	≤ 0.02%
Heavy Metals (as Pb)	≤ 10ppm
Loss on Drying	≤ 0.5%
Assay	99.0 - 101.0 %

Specification Version	-	v1.0
Date Created	-	2017-09-08

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025