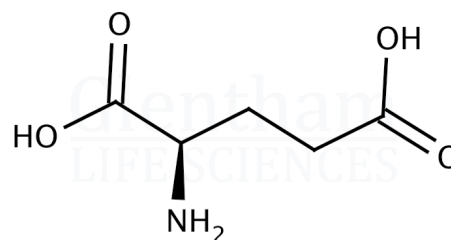


## Product Specification

Product Name	D-Glutamic acid
Glenthams Code	GE7245
CAS Number	6893-26-1
EINECS	230-000-8
MDL Number	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

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](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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