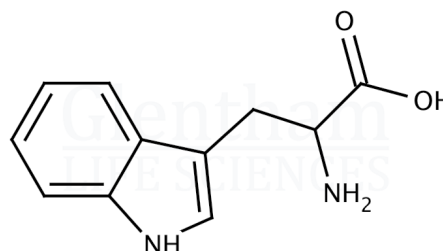


Certificate of Analysis

Product Name	DL-Tryptophan
Glentham Code	GM0325
CAS Number	54-12-6
EINECS	200-194-9
MDL Number	MFCD00064339
PubChem SID	310272470
Batch Number	989AUS
Molecular Weight	204.23
Molecular Formula	$C_{11}H_{12}N_2O_2$
Storage Temp.	+20°C



Property	Specification	Batch 989AUS
Physical Description	White or off-white powder	Conforms
Solubility (1% in 1M HCl)	Clear to faintly turbid, colourless to pale yellow solution	Conforms
Loss on Drying	≤ 1.0%	0.13%
Assay	≥ 99.0%	99.49%
Specification Version	v1.0	
Manufacture Date	2017-10-19	
Re-Test Date	2028-12-01	

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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