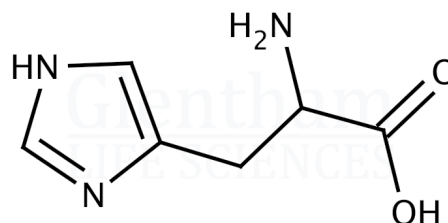


Certificate of Analysis

Product Name	DL-Histidine
Glentham Code	GM6216
CAS Number	4998-57-6
EINECS	225-660-9
MDL Number	MFCD00005208
PubChem SID	310271211
Additional CAS	6459-59-2
Batch Number	486IOZ

Molecular Weight	155.15
Molecular Formula	$C_6H_9N_3O_2$
Storage Temp.	+4°C



Property	Specification	Batch 486IOZ
Physical Description	White to off-white or pale yellow powder	White powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in 0.5M HCl)	Clear, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-2.0 - +2.0 ° (c=1, 0.5M HCl)	0.0°
Assay (Titration)	≥ 98.0%	99.3%

Specification Version	v1.1
Manufacture Date	2023-05-06
Re-Test Date	2029-09-19

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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