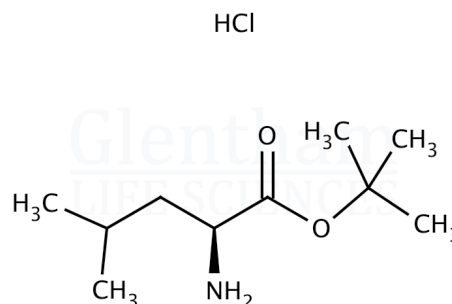


Certificate of Analysis

Product Name	L-Leucine tert-butyl ester hydrochloride
Glentham Code	GM8503
CAS Number	2748-02-9
MDL Number	MFCD00038906
PubChem SID	310275754
Batch Number	728VAU
Molecular Weight	223.74
Molecular Formula	$C_{10}H_{21}NO_2HCl$
Storage Temp.	+4°C



Property	Specification	Batch 728VAU
Physical Description	White to off-white powder	White powder
Identification	IR	Conforms
Water	≤ 1.0%	0.037%
Specific Optical Rotation	9.0 - 13.0 ° (c=2, DMF)	+10.8°
Assay (HPLC)	≥ 99.0%	99.97%

Specification Version	v1.0
Manufacture Date	2016-01-18
Re-Test Date	2019-02-09

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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