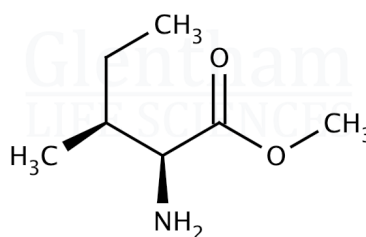


Certificate of Analysis

Product Name	L-Isoleucine methyl ester hydrochloride
Glentham Code	GM4168
CAS Number	18598-74-8
EINECS	242-437-1
MDL Number	MFCD00038911
PubChem SID	310275406
Batch Number	918ZAX
Molecular Weight	181.66
Molecular Formula	$C_7H_{15}NO_2 \cdot HCl$
Storage Temp.	+4°C

HCl



Property	Specification	Batch 918ZAX
Physical Description	White to almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Specific Optical Rotation ($[\alpha]_{20/D}$)	+25.0 - +28.0 ° (c=2, water)	+27.0°
Melting Point	97.0 - 100.0 °C	99.9°C
Water (KF)	≤ 1.0%	0.5%
Assay (Titration)	≥ 98.0%	99.9%

Specification Version	v1.0
Manufacture Date	2020-01-17
Re-Test Date	2031-06-11

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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