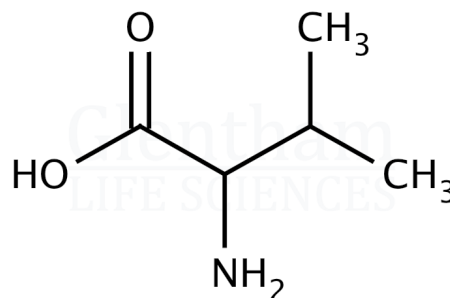


Certificate of Analysis

Product Name DL-Valine
Glentham Code GM3274
CAS Number 516-06-3
EINECS 208-220-0
Numéro MDL MFCD00004267
PubChem SID 310272480
Batch Number 557KKT

Molecular Weight 117.15
Molecular Formula $C_5H_{11}NO_2$
Storage Temp. +20°C



Property	Specification	Batch 557KKT
Physical Description	Colourless crystals or white crystalline powder	White crystalline powder
Solubility (5% in water)	Clear to faintly turbid solution	Conforms
Chloride (Cl)	≤ 0.05%	Conforms
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Loss on Drying	≤ 0.5%	0.15%
Assay	98.5 - 101.5 %	99.2%

Specification Version v1.0
Manufacture Date 2017-11-27
Re-Test Date 2028-02-02

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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