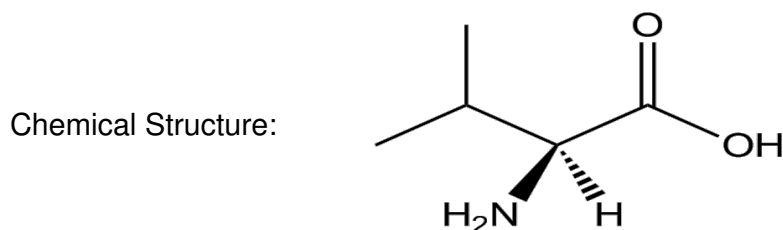


Certificate of Analysis

Product Name: Valine
Cat. No.: GC20105
Batch No.: 2
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 7004-03-7
Molecular Formula: $C_5H_{11}NO_2$
Molecular Weight: 117.08
Storage: Store at RT



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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