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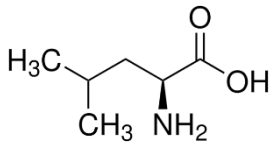
PureSynth®
Research Chemicals

# Product Specification

Product Name:
**L-Leucine PurCert Secondary Reference Standard (CRM)**
**[Includes all characterization data]**

| | |
|---|---|
| Product No.: | PSR38640 |
| Brand: | PureSynth |
| CAS No.: | 61-90-5 |
| Molecular Formula: | $C_6H_{13}NO_2$ |
| Molecular Weight: | 131.17 g/mol |




| Test | Specification |
|---|---|
| Appearance | White Powder or Crystals |
| Assay (By HPLC) | ≥ 99.0 % |
| Water (By KF) | NMT 0.200 % |
| Potency | - |
| Density | 1.291 - 1.295 g/cm$^3$ |
| Identification by $^1$H NMR | Conforms to structure |
| Identification by Mass | Conforms to molecular mass |
| Identification by IR | Conforms to structure |

***Traceable to USP Reference Standard 1357001, Lot No.: R13920**

Specification: PC-1.0-QA/996

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com