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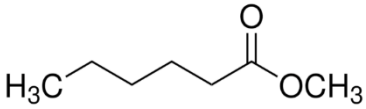
PureSynth®
Research Chemicals

# Product Specification

Product Name:
**Methyl Caproate (Methyl hexanoate) Pur*Cert* Secondary Reference Standard for GC (CRM) [Includes all characterization data]**

| | |
|---|---|
| Product No.: | PSR36875 |
| Brand: | PureSynth |
| CAS No.: | 106-70-7 |
| Molecular Formula: | $C_7H_{14}O_2$ |
| Molecular Weight: | 130.18 g/mol |




| Test | Specification |
|---|---|
| Appearance | Colorless Liquid |
| Assay (GC-FID) | ≥ 99.5 % |
| Water (By KF) | NMT 0.050 % |
| Potency | - |
| Density | 0.883-0.887 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 1424244, Lot no: R156W0**

Specification: PC-1.0-QA/717 Version NO.: 1.1, 30.05.2026

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