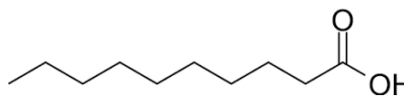


## Product Specification

Product Name:

**Decanoic acid PurCert Secondary Working Standard for GC**  
**[Includes all characterization data]**

Product No.: PSR38248  
Brand: PureSynth  
CAS No.: 334-48-5  
Molecular Formula: C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>  
Molecular Weight: 172.26 g/mol



| Test                                 | Specification                                        |
|--------------------------------------|------------------------------------------------------|
| Appearance                           | White to Pale Yellow Solid or Colorless clear liquid |
| Assay (By GC)                        | ≥ 99.0 %                                             |
| Water (By KF)                        | NMT 0.500 %                                          |
| Potency                              | -                                                    |
| Density                              | 0.890-0.895 g/cm <sup>3</sup>                        |
| Identification by <sup>1</sup> H NMR | Conforms to structure                                |
| Identification by Mass               | Conforms to molecular mass                           |
| Identification by IR                 | Conforms to structure                                |

**\*Traceable to Internal Reference Standard.**

Specification: PC-1.0-QA/901 Version No.: 1.1, 16.06.2026

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)