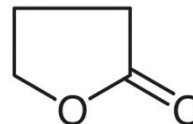


## Product Specification

Product Name:

**$\gamma$ -Butyrolactone PurCert Secondary Working Standard [Includes all characterization data]**

Product No.: PSR37481  
Brand: PureSynth  
CAS No.: 96-48-0  
Molecular Formula:  $C_4H_6O_2$   
Molecular Weight: 86.09 g/mol



| Test                                 | Specification                   |
|--------------------------------------|---------------------------------|
| Appearance                           | Colorless Liquid                |
| Assay (By GC)                        | $\geq 99.7 \%$                  |
| Water (By KF)                        | NMT 0.030 %                     |
| Potency                              | -                               |
| Density                              | 1.120 - 1.300 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/957, Ver. No. 1.1, 08.08.2026.

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