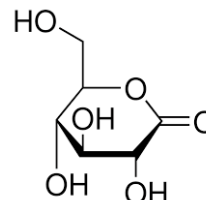


## Product Specification

Product Name:

**D-(+)-Gluconic acid  $\delta$ -lactone **PurCert** Secondary Reference Standard (CRM)**  
**[Includes all characterization data]**

Product No.: PSR39612  
Brand: PureSynth  
CAS No.: 90-80-2  
Molecular Formula: C<sub>6</sub>H<sub>10</sub>O<sub>6</sub>  
Molecular Weight: 178.14 g/mol



| Test                                 | Specification                         |
|--------------------------------------|---------------------------------------|
| Appearance                           | White to Off-white Powder or Crystals |
| Assay (By Titration)                 | ≥ 99.0 %                              |
| Water (By KF)                        | NMT 0.200 %                           |
| Potency                              | -                                     |
| Density                              | 1.605-1.615 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 USP Reference Standard 1294150, Lot No.: F058V1**

Specification: PC-1.0-QA/857

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