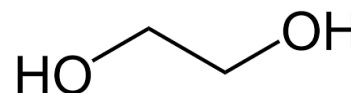


## Product Specification

Product Name:

**Ethylene glycol PurCert Secondary Reference Standard For GC (CRM)**  
**[Includes all characterization data]**

Product No.: PSR28281  
Brand: PureSynth  
CAS No.: 107-21-1  
Molecular Formula: C<sub>2</sub>H<sub>6</sub>O<sub>2</sub>  
Molecular Weight: 62.07 g/mol



| Test                                 | Specification                 |
|--------------------------------------|-------------------------------|
| Appearance                           | Colorless Liquid              |
| Assay (By GC-FID)                    | ≥ 99.5 %                      |
| Water (By KF)                        | NMT 0.300 %                   |
| Potency                              | -                             |
| Density                              | 1.112-1.114 g/cm <sup>3</sup> |
| Identification by <sup>1</sup> H NMR | Conforms to structure         |
| Identification by GC-MS              | Conforms to molecular mass    |
| Identification by IR                 | Conforms to structure         |

**\*Traceable to USP Reference standard 1265515, Lot No: R211M0.**

Specification: PC-1.0-QA/084

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