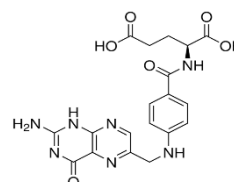


## Product Specification

Product Name:

**Folic Acid, *PurReagent*, ≥97.0 %**

Product No.: PSR39951  
Brand: PureSynth  
CAS No.: 59-30-3  
Molecular Formula: C<sub>19</sub>H<sub>19</sub>N<sub>7</sub>O<sub>6</sub>  
Molecular Weight: 441.40 g/mol



| Test                                 | Specification                                                             |
|--------------------------------------|---------------------------------------------------------------------------|
| Appearance                           | White to Yellow to Orange powder or crystal                               |
| Assay (by HPLC)                      | ≥ 97.0%                                                                   |
| Solubility (50 mg/ml, 1 M NaOH)      | Yellow to orange to yellow-orange<br>Clear to Very Slightly Hazy Solution |
| Water (By KF)                        | NMT 9.000 %                                                               |
| Carbon (on anhydrous basis)          | 50.4 - 53.0 %                                                             |
| Nitrogen (on anhydrous basis)        | 21.6 - 22.8 %                                                             |
| Identification by <sup>1</sup> H-NMR | Conforms to structure                                                     |

Specification No.: PR-1.0-QA/882

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