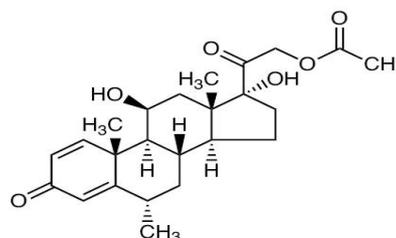


## Product Specification

Product Name:

**Methylprednisolone Acetate PurCert Secondary Reference Standard (CRM)**  
**[Includes characterization data]**

Product No.: PSR50369  
Brand: PureSynth  
CAS No.: 53-36-1  
Molecular Formula: C<sub>24</sub>H<sub>32</sub>O<sub>6</sub>  
Molecular Weight: 416.51 g/mol



| Test                                 | Specification                           |
|--------------------------------------|---|
| Appearance                           | White to Light yellow powder to crystal |
| Assay                                | ≥ 98.0 %                                |
| Identification by IR                 | Conforms to structure                   |
| Identification by <sup>1</sup> H NMR | Conforms to structure                   |
| Identification by Mass               | Conforms to Molecular mass              |
| Water (By KF)                        | NMT 2.0 %                               |
| Potency                              | -                                       |
| Density                              | 1.3 ± 0.1 g/cm <sup>3</sup>             |

**\*Traceable to USP Reference Standard 1436006 LOT NO R201P0**

Specification: PC-1.0-QA/135

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com