

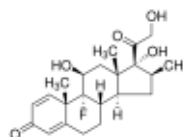
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Betamethasone - ≥98%

**Product Number:** B7005  
**CAS Number:** 378-44-9  
**MDL:** MFCD00062969  
**Formula:** C<sub>22</sub>H<sub>29</sub>FO<sub>5</sub>  
**Formula Weight:** 392.46 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
EMM	15.0 - 15.6
at Lambda Max 238 to 240 nm, in MeOH	
Wavelength	238 - 240 nm
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
20 mg + 1 mL, EtOH:CHCl <sub>3</sub> (1:1)	
Purity (HPLC)	≥ 98 %

Specification: PRD.0.ZQ5.10000045645

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.