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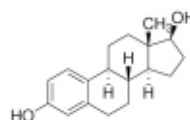
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## Product Specification

Product Name:  
β-Estradiol – powder, γ-irradiated, suitable for cell culture

Product Number: **E2257**  
CAS Number: 50-28-2  
MDL: MFCD00003693



Formula Weight: 272.38 g/mol

TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
1 mg/mL, EtOH	
Purity (HPLC)	≥ 98 %
Sterilized (Gamma Irradiated)	Pass
Irradiation dose 25.0 to 35.0 kGy	
Recommended Retest Period	-----
3 years	
Cell Culture Test	Pass
2 of 3 Cell Lines are > or = 50% of control	

Specification: PRD.1.ZQ5.10000097593

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.