

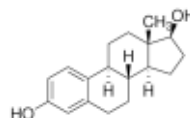
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Product Specification

Product Name:
Estradiol – meets USP testing specifications

Product Number: E1024
CAS Number: 50-28-2
MDL: MFCD00003693
Formula: C₁₈H₂₄O₂
Formula Weight: 272.38 g/mol



TEST	Specification
Identity	Pass
Initial Melting Point	≥ 173 °C
Final Melting Point	≤ 179 °C
Specific Rotation (+)	76 - 83 °
Water (by Karl Fischer)	≤ 3.5 %
Chromatographic Purity	Pass
Assay (Anhydrous Basis)	97.0 - 103.0 %
Residual Solvents Testing Required	Pass
Recommended Retest Period 3 Years	-----

Specification: PRD.1.ZQ5.10000063559

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. 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.