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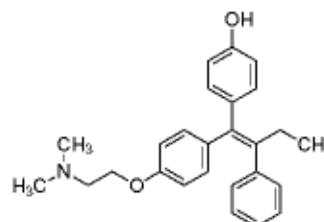
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Product Specification

Product Name:
(Z)-4-Hydroxytamoxifen - ≥98% Z isomer

Product Number: **H7904**
CAS Number: 68047-06-3

Formula: C₂₆H₂₉NO₂
Formula Weight: 387.5 AMU



TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Ethanol
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	79.37 - 81.79 %
Elemental Anal. (%N anhydrous)	3.11 - 4.11 %
Purity (TLC)	≥ 98.00 %
Purity (HPLC)	≥ 98.00 %
NMR (Solvent)	CD ₃ OD
Identity by NMR	Consistent With Z Isomer
NMR (Residual Solvent 1)	Diethylether
NMR (% Solvent 1)	≤ 3.00 %
NMR (Residual Solvent 2)	Ethanol
NMR (% Solvent 2)	≤ 3.00 %
NMR (Total % Resid.Solvents)	≤ 3.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000001027

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.