



Specification

Tamoxifen Citrate USP

Catalog Number: TC1003
CAS Number: 54965-24-1
Synonym(s): (Z)-1-(p-Dimethylaminoethoxyphenyl)-1,2-diphenyl-1-butene
Molecular Formula: $C_{26}H_{29}NO \cdot C_6H_8O_7$
Molecular Weight: 563.60
Storage: 2°C - 8°C
Retest Period: Three years from date of manufacture.

Test	Specification
Appearance	White Crystalline
Assay	99.0 – 101.0%
Identification by HNMR	Consistent with structure
Identification	IR , UV conform
Moisture (LOD)	≤ 0.50%
Residue on ignition	≤ 0.20%
Iron	≤ 0.005%
Heavy metals	≤ 10ppm
Related substances	
Individual	≤ 0.5%
Total	≤ 1.0%
E-isomer (<i>cis</i> form)	≤ 0.3%
Organic Volatile Impurities	Conforms
This product meets USP 30 specifications.	

Approved:

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-600-4666, Fax: 888-211-5523
docsupport@gojirafc.com

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