



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203288
Lot Number: SAMPLE
Product Name: Tamoxifen Citrate
CAS Number: 54965-24-1
Molecular Formula: $C_{32}H_{37}NO_8$
Molecular Weight: 563.7

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification (Infrared Spectrum)		Complies
Identification (UV)		Complies
Isomer	$\leq 0.3\%$ (E Isomer)	0.25% (E Isomer)
Purity	99 - 101%	99.73%
Residue on Ignition	$\leq 0.2\%$	0.06%
Solubility	Soluble in methanol, slightly soluble in water and acetone	Complies
Heavy Metals	≤ 10 ppm	6 ppm
Loss on Drying	$\leq 0.5\%$	0.23%
Related Substances	Single impurity $\leq 0.5\%$ Total impurity $\leq 1.0\%$	Single impurity 0.16% Total impurity 0.33%
Acetone	$\leq 0.5\%$	0.128% (G/G)
Iron	≤ 50 ppm	17 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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