

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38282
Lot Number	002588-211221
Product	Tamoxifen citrate (Z)-1-(4-Dimethylaminoethoxyphenyl)-1,2-diphenyl-1-butene citrate
CAS Number	54965-24-1
Molecular Formula	C ₂₆ H ₂₉ NO•C ₆ H ₈ O ₇
Molecular Weight	563.65

Appearance	White fine crystalline powder
Solubility	Soluble in methanol, very slightly soluble in water, in Acetone, in Chloroform and in Alcohol
Melting Point	~ 142 °C
Heavy Metals	6 ppm
Cation	Iron (Fe) : 18 ppm
Infrared Spectrum	Conforms to structure
Loss on Drying	0.24%
Residual Solvents	Acetone : 1700 ppm
Related Substances	Individual impurity : 0.17% Total impurities : 0.34%
Residue On Ignition	0.07%
Assay	99.6% (On dried basis)
Storage	Store at 2 - 8 °C
Additional Information	E-Isomer : 0.18%
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager