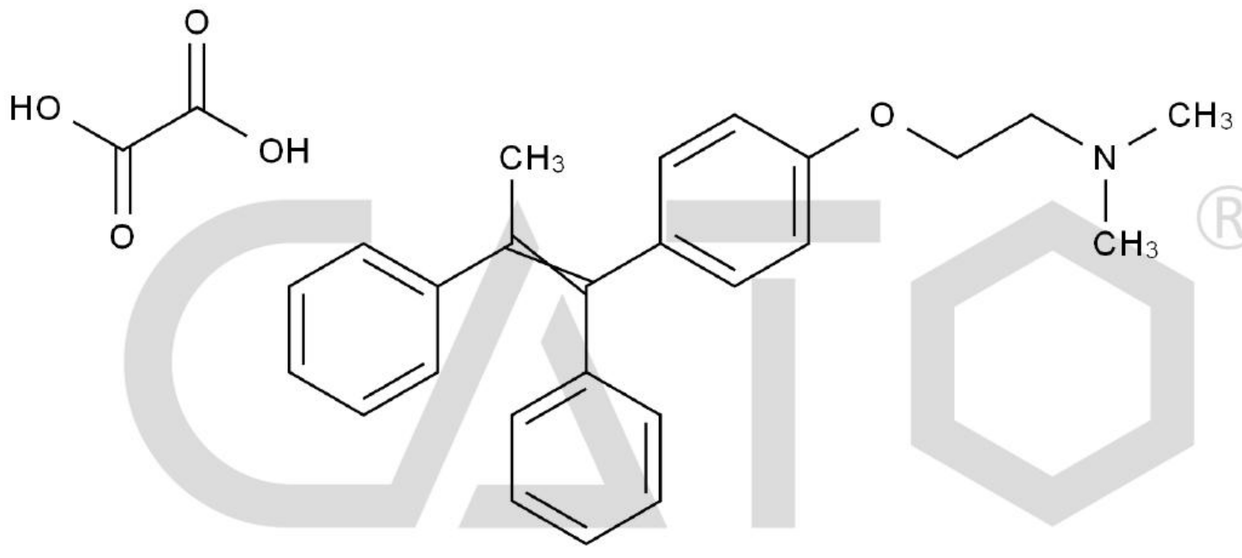
Certificate of Analysis

Reference Material & Standard

Product Name:	Tamoxifen EP Impurity D Oxalate (Mixture of Z and E Isomers)	**Catalogue Number:**	C4X-123314
Synonyms:	N/A	**Lot Number:**	1020-RH-0022
CAS Number:	N/A	**Expiry Date:**	Oct 20, 2030
Molecular Formula:	$C_{25}H_{27}NO\ C_2H_2O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	357.49 90.03	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.0%
Assay	qNMR	95.7%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Oct 21, 2026

Reviewed by: Koi Date: Oct 21, 2026

Approved by General Manager: David Date: Oct 21, 2026

CATO Research Chemicals Inc.