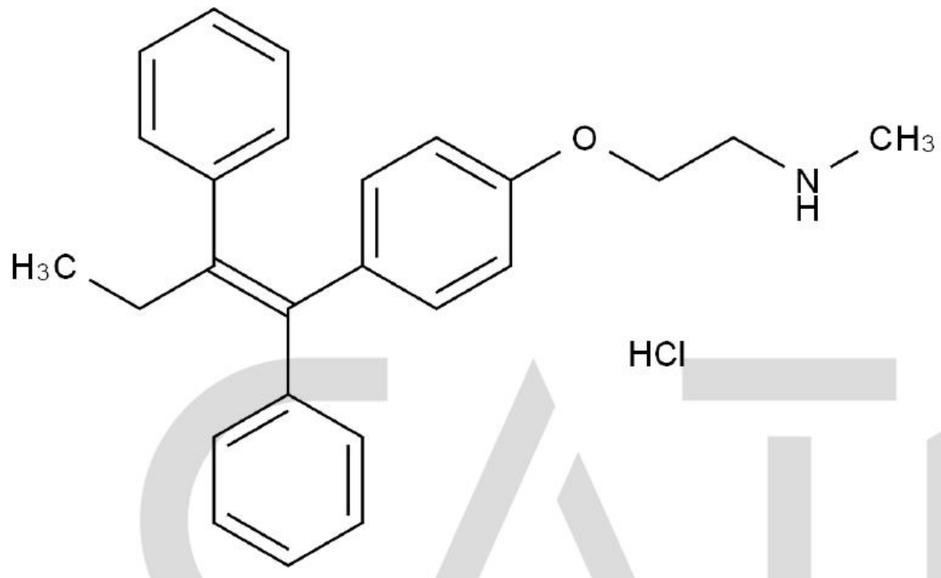
Certificate of Analysis

Reference Material & Standard

Product Name:	Tamoxifen EP Impurity F HCl	**Catalogue Number:**	C4X-123310
Synonyms:	N/A	**Lot Number:**	0213-RG-0039
CAS Number:	15917-65-4	**Expiry Date:**	Feb 17, 2028
Molecular Formula:	C25H27NO HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	357.49 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.4%

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by: Alice Date: Feb 18, 2025

Reviewed by: Koi Date: Feb 18, 2025

Approved by General Manager: David Date: Feb 18, 2025

CATO Research Chemicals Inc.