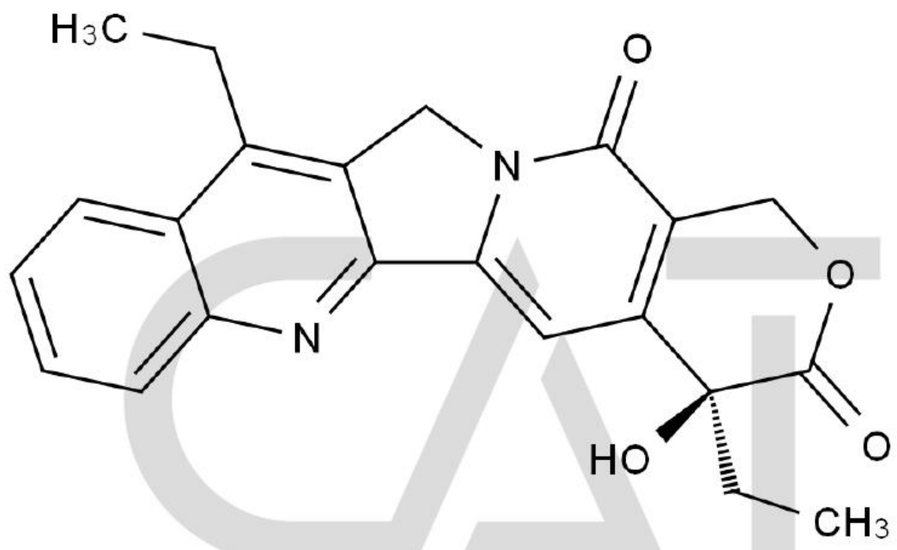
Certificate of Analysis

Reference Material & Standard

Product Name:	Irinotecan EP Impurity F	**Catalogue Number:**	C4X-15712
Synonyms:	N/A	**Lot Number:**	1228-RG-0069
CAS Number:	78287-27-1	**Expiry Date:**	Dec 30, 2029
Molecular Formula:	$C_{22}H_{20}N_2O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	376.41	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.262%
Residue on Ignition	TGA	0.6791%
Loss on Drying	TGA	0.1273%
Assay	Mass Balance	97.5%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Nov 13, 2026

Reviewed by: Koi — Date: Nov 13, 2026

Approved by General Manager: David — Date: Nov 13, 2026

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