CERTIFICATE OF ANALYSIS

(Certificate No. KMI057007-01)

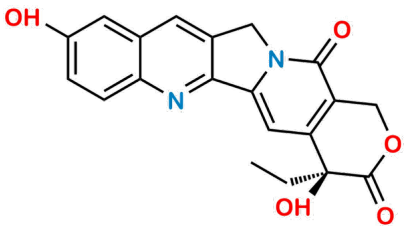
Release Date: 01/08/2026 **Re-test Date:** 31/07/2029

IRINOTECAN EP IMPURITY B

Identification

Chemical Name :
(4S)-4-ethyl-4,9-dihydroxy-1H-pyrano[3′,4′:6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione (as per EP);
(S)-4,11-Diethyl-4,9-dihydroxy-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione (as per USP)

Alt. Name	: Irinotecan USP Related Compound A ; 9-Hydroxy Camptothecin
CAT No.	: KMI057007
CAS No.	: 19685-09-7
Molecular Formula	: C20H16N2O5
Molecular Weight	: 364.4



Analytical Information

Batch No.	: I057007-136-125	**Solubility**	: THF
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.98 %	**IR**	: Confirm
Weight Loss By TGA	: 4.70 %	**1H NMR**	: Confirm
% Potency	: 93.37 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 4.70(Weight Loss By TGA)] x [97.98(HPLC Purity)]/100 = 93.37 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		01/08/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA