

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	35338
Lot Number	002942-191002
Product	Irinotecan hydrochloride anhydrous, CPT-11
CAS Number	100286-90-6
Molecular Formula	C ₃₃ H ₃₈ N ₄ O ₆ •HCl
Molecular Weight	623.14
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Appearance	Off-white to light yellow crystalline powder
Heavy Metals	Passes test
Water Content (Karl Fisher)	0.23%
Yeast and Mold	< 10 cfu/g
Infrared Spectrum	Conforms to structure
Residual Solvents	Ethanol : 302 ppm Dichloromethane : Not detected Acetone : Not detected
Microbial Count	< 100 cfu/g (TAMC)
Related Substances	Limit of Irinotecan Hydrochloride Enantiomer : 0.06% Any unspecified impurity : < 0.10% Total impurities : 0.17%
Residue On Ignition	0.06%
Purity by HPLC	99.9%
Storage	Store at 2 - 8 °C
Additional Information	7-Desethyl irinotecan, 11-Ethyl irinotecan : 0.03% Irinotecan, Irinotecan related compound B, 7-Ethylcamptothecin : 0.02% Irinotecan related compound A : 0.04% Camptothecin : 0.00% 7,11-Diethyl-10-hydroxycamptothecin : 0.01%

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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