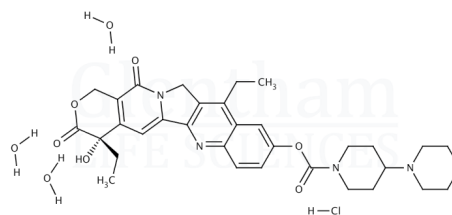


Certificate of Analysis

Product Name Irinotecan hydrochloride trihydrate
Glentham Code GP2560
CAS Number 136572-09-3
MDL Number MFCD01862255
Additional CAS 100286-90-6 (anhyd.)
PubChem SID 310275359
Batch Number 419WWZ

Molecular Weight 623.14 (anhydrous)
Molecular Formula $C_{33}H_{38}N_4O_6 \cdot HCl \cdot 3(H_2O)$
Storage Temp. +4°C



| Property | Specification | Batch 419WWZ |
|----------------------|--|--------------------------------|
| Physical Description | Off-white to yellow crystalline powder | Pale yellow crystalline powder |
| Water | 7.0 - 9.0 % | 8.8% |
| Residue on Ignition | ≤ 0.1% | 0.02% |
| Heavy Metals | ≤ 10ppm | Conforms |
| Total Impurities | ≤ 0.5% | 0.36% |
| Assay | ≥ 99.0% (anhydrous) | 99.1% |

Specification Version v1.0
Manufacture Date 2013-08-16
Re-Test Date 2025-06-16

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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