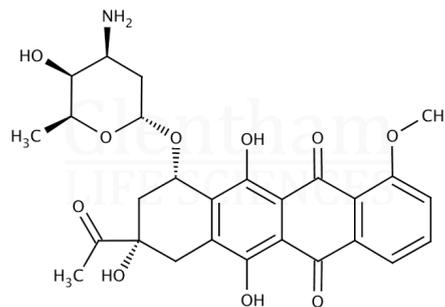


Certificate of Analysis

Product Name Daunorubicin hydrochloride
Glentham Code GA7448
CAS Number 23541-50-6
EINECS 245-723-4
MDL Number MFCD04974507
Batch Number 984TVP

Molecular Weight 563.98
Molecular Formula $C_{27}H_{29}NO_{10} \cdot HCl$
Storage Temp. +4°C



Property	Specification	Batch 984TVP
Physical Description	Orange to red crystalline powder	Red crystalline powder
Assay	≥ 90.0% (anhydrous)	97.4%
pH	4.5 - 6.5 (50mg in 10ml water)	5.3
Impurities	EP	Conforms to EP7.0
Total Impurities	≤ 2.5%	0.53%
Water	≤ 3.0%	0.47%
Butanol	≤ 1.0%	0.17%
Pharmacopoeia Specification(s)	EP	Conforms to EP7.0

Specification Version v1.0
Manufacture Date 2013-10-23
Re-Test Date 2023-12-09

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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