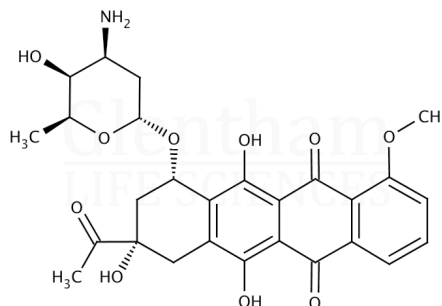


Certificate of Analysis

Product Name Daunorubicin hydrochloride, EP grade
Glentham Code GA7448
CAS Number 23541-50-6
EINECS 245-723-4
MDL Number MFCD04974507
Batch Number 992MUH

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



Property	Specification	Batch 992MUH
Physical Description	Orange-red crystalline powder	Orange-red crystalline powder
Identification	A, B according to Ph. Eur.	Conforms
Solubility	According to Ph. Eur.	Conforms
pH	4.5 - 6.5 None (50mg in 10ml water)	6.5
Butanol	≤ 1.0%	0.1%
Impurities	According to Ph. Eur.	Conforms
Total Impurities	≤ 1.5%	1.4%
Water	≤ 3.0%	1.8%
Assay (anhydrous basis)	95.0 - 102.0 %	98.3%
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version v1.1
Manufacture Date 2024-09-17
Re-Test Date 2034-11-06

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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