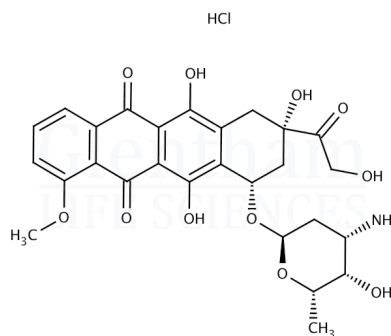


## Product Specification

Product Name	Doxorubicin hydrochloride, USP grade
Glentham Code	GA4969
CAS Number	25316-40-9
EINECS	246-818-3
MDL Number	MFCD00077757
Additional CAS	23214-92-8 (base)
Molecular Weight	579.99
Molecular Formula	C <sub>27</sub> H <sub>29</sub> NO <sub>11</sub> · HCl
Storage Temp.	+4°C



Property	Specification
Physical Description	Orange-red to red crystalline powder
Assay	≥ 98.0% (anhydrous, solvent-free)
Total Impurities	≤ 2.0%
Acetone	≤ 0.5%
Acetone and Alcohol	≤ 2.5%
pH	4.0 - 5.5 (5mg/ml in water)
Water	≤ 4.0%
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2013-11-22

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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