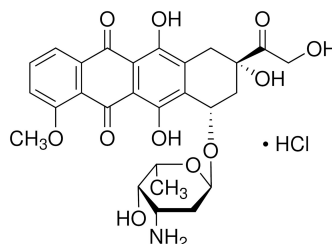


Product Specification

Product Name :	Doxorubicin hydrochloride 98.0-102.0% (HPLC)
Product Number:	D1515
CAS Number:	25316-40-9
Storage Temperature :	Cooler/Refrigerated
Molecular Formula:	C ₂₇ H ₂₉ NO ₁₁ · HCl
Formula Weight:	579.98



Test	Specification
Appearance (Form)	Powder
Appearance (Color)	Conforms
Orange to Very Dark Orange and Light Red to Very Dark Red and Very Dark Red-Brown	
Solubility (Solvent)	Water
Solubility (Conc)	50.0 - 52.0 mg/mL
Solubility (Color)	Orange to Red
Solubility (Turbidity)	Clear
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 3.0%
Solvent Content (by GC)	≤ 2.5%
Acetone plus alcohol	
Assay	98.0 - 102.0 %
by HPLC anhydrous and solvent free	
Managed by	Recommended Retest Period
Results Provided by Supplier	-----
Shelf Life Defined by Supplier	-----
Handled & Packed Under ISO9001	-----

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: PRP.00.ZQ5.1109315

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