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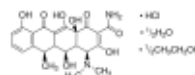
Email USA: techserv@sial.com

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Product Specification

Product Name:
Doxycycline hyclate

Product Number: **D9891**
CAS Number: 24390-14-5



Formula: C₂₂H₂₄N₂O₈ · HCl · 0.5H₂O · 0.5C₂H₆O
Formula Weight: 512,94 g/mol
Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance Yellow to yellow-green, powder	Conforms
Specific Rotation	-120 - -105 °
Water	≤ 5.0 %
Purity (HPLC)	≥ 93.5 %
Assay (anhydrous, Ethanol free based)	95.0 - 102.0 %
Recommended Retest Period 4 Years	-----

Specification: PRE.3.ZQ5.10000008359

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.