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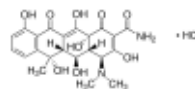
Email USA: techserv@sial.com

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Product Specification

Product Name:
Oxytetracycline hydrochloride

Product Number: **O5875**
CAS Number: 2058-46-0



Formula: C₂₂H₂₄N₂O₉ · HCl
Formula Weight: 496,89 g/mol

TEST	Specification
Appearance (Color)	Yellow
Appearance (Form)	Conforms
Powder or crystals	
Water Content	≤ 2.0 %
Related Substances	≤ 3.5 %
(HPLC: Total of impurities)	
Identification B (EP)	Complying
Examine the chromatograms obtained in the test for related substances	
Identification C (EP)	Complying
Reaction with sulfuric acid	
Identification D (EP)	Complying
Reaction of chlorides	
Sulfated Ash	≤ 0.2 %
Residual Solvents	≤ 3000 ppm
Methanol	
Assay	94.5 - 102.0 %
(Anhydrous substance) Content of C ₂₂ H ₂₅ CIN ₂ O ₉	
Recommended Retest Period	-----
4 Years	

Specification: PRE.0.ZQ5.10000020356

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.