



Version	01
Molecular weight	515.34
Quality Test / Release Date	01/24/2018
Molecular Formula	C ₂₂ H ₂₃ Cl N ₂ O ₈ . Cl H
CAS No	101342-45-4
Linear Formula	
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

Catalog Number	26823	Quality Test / Release Date 01/24/2018
Lot Number	A0392585	
Description	4-Epichlortetracycline hydrochloride, can be used as secondary standard	
Country of Origin	BELGIUM	
Declaration of Origin	other	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Light yellow yellow-green to orange	Yellow-green
Appearance (Form)		Powder	Powder
Infrared spectrum		Authentic	Authentic
Purity		≥80 % (as is, calculated)	87 % (as is, calculated)
Water			7.1 %
Residual solvents			≤0.1 %



A handwritten signature in black ink, which appears to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 01-25-2018

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