



## CERTIFICATE OF ANALYSIS

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Product	Doxycycline hyclate (Doxycycline hydrochloride hemiethanolate hemihydrate)
Grade	High Purity
Product Code	DB0889
Formula	$C_{22}H_{24}N_2O_8 \cdot HCl \cdot 1/2 H_2O \cdot 1/2 C_2H_6O$
MW	512.94
CAS#	24390-14-5
Lot No	

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Test Items	Specifications	Results
Appearance	Yellow powder	
Assay	$\geq 95\%$	
Specific rotation	$-100^\circ \sim -107^\circ$	
Solubility (5mg/ml, H <sub>2</sub> O)	Clear to slightly hazy, yellow solution	

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Storage: 4°C, dry, dark