



Product Specification

Product Name: Doxycycline Hyclate
Cat #: D-500
CAS #: 24390-14-5
Storage: Store at 4°C.

Test	Specifications
Appearance	A yellow crystalline powder
pH	2.0 to 3.0
Ethanol	4.3 - 6.0%
Specific Optical Rotation	-120 to -105°
Heavy Metals	≤50 ppm
Sulfated Ash	≤0.4%
Water Content	1.4 - 2.8%
Related Substances - Methacycline - 6-epidoxycycline - Any Individual Impurity - Total Impurities	≤2.0% ≤2.0% ≤1.0% ≤4.0%
Assay	95.0-102.0%

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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