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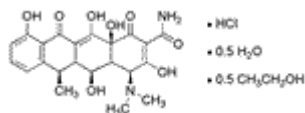
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	31894
Product	Doxycycline hyclate Doxycycline hydrochloride hemimethanolate hemihydrate Hydramycin
CAS Number	24390-14-5
Molecular Formula	C ₂₂ H ₂₄ N ₂ O ₈ • HCl • 0.5H ₂ O • 0.5C ₂ H ₆ O
Molecular Weight	512.94

Appearance	Yellowish crystalline powder
Crystallinity	To pass test
Water Content (Karl Fisher)	1.4 - 2.8%
pH	2 - 3
Residual Solvents	Ethanol : To pass test
Related Substances	6-Epidoxycycline : ≤ 2% Methacycline : ≤ 2% 4-Epidoxycycline : ≤ 0.5% Any single impurity : ≤ 0.5%
Potency (as is)	800 - 920 µg/mg
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : To pass test Test for A : Infrared spectrum : Conforms to structure Test for B : To pass test Test for C : To pass test Sterility test : To pass test

For Laboratory Use Only