

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Doxycycline hydrochloride
Specifications & Purity:	Moligand™, ≥95%
SKU #	D302150

Parameter	Limit Values
solvent content by GC(ethanol)	4.3-6 (%)
Purity(Titration by AgNO ₃)	94-102.5 (%)
Purity(HPLC)	95-100 (%)
Appearance (D302150Form)	Powder
Appearance (D302150Color)	Light Yellow
Proton NMR spectrum	Conforms to Structure
Specific Rotation [α] ₂₀ /D (c=1,in 1ml1M HCL+99mlMethanol)	-120--105 (°)