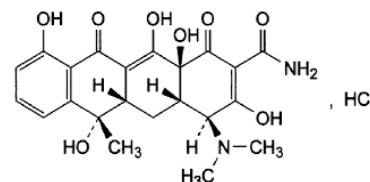


Product Specification

Product Name:

Tetracycline Hydrochloride **PurCert Secondary Reference Standard (CRM)**
[Includes all characterization data]

Product No.: PSR41026
Brand: PureSynth
CAS No.: 64-75-5
Molecular Formula: $C_{22}H_{24}N_2O_8 \cdot HCl$
Molecular Weight: 480.90 g/mol



Test	Specification
Appearance	Yellow to Amber to Dark green powder to Crystal
Assay (By HPLC)	≥ 96.0 %
Water (By KF)	NMT 1.0 %
Potency	-
Density	1.378-1.382 g/cm ³
Identification by ¹ H NMR	Conforms to structure
Identification by Mass	Conforms to molecular mass
Identification by IR	Conforms to structure

***Traceable to USP Reference standard 1651009, Lot no: R106N0.**

Specification: PC-1.0-QA/277

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com