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## Specification Sheet

Product Name: **Chlorotetracycline hydrochloride**  
Specifications & Purity: **USP grade, ≥80.0%(HPLC)**  
SKU #: **C103022**

Parameter	Limit Values
Assay	99-101 (%)
Loss on drying	0-2 (%)
pH	2.3-3.3
Specific Rotation [α] <sub>20</sub> /D	-250--235 (°)
potency	≥900 (μg/mg)
Purity(HPLC)	80-100 (%)
Appearance (C103022)	yellow powder or crystals
Bacterial Growth Test	Pass
Infrared spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , clear (1.0%)	pass

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