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Specification Sheet

Product Name: **Tetracycline hydrochloride**
Specifications & Purity: **96%**
SKU #: **T140622**

Parameter

Purity(HPLC)

Purity(NonaqueousTitration)

Loss on drying

Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in } 0.1\text{mol/L HCl})$

Appearance (T140622)

Proton NMR spectrum

Solubility in H₂O , Yellow to Yellow-Orange, Clear, 50 mg/ml

Limit Values

96-100 (%)

95.5-104.5 (%)

0-2 (%)

-255--240 (°)

yellow powder or crystals

Conforms to Structure

pass

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