

## Specification Sheet

Tetracycline Hydrochloride

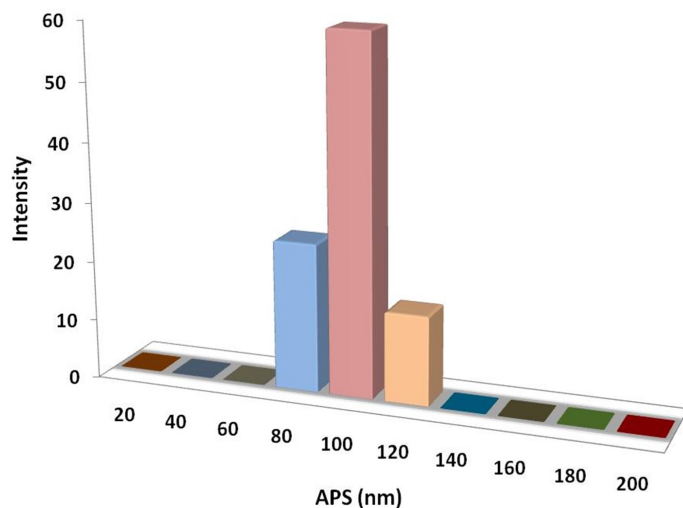
(C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub>•HCl, Purity: 98.5%)

Stock No: NS6130-12-001142, CAS: 64-75-5

<b>Product</b>	:	<b>Tetracycline Hydrochloride</b>
Stock No	:	NS6130-12-001142
CAS	:	64-75-5
Purity	:	98.5%
APS	:	80-100nm
Molecular Formula	:	C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub> •HCl
Molecular Weight	:	480.90g/mol
Form	:	Powder
Color	:	Yellow Crystalline
Melting Point	:	211-213°C
Boiling Point	:	799.4° C
pH	:	1.8~2.8
Specific Optical Rotation	:	-240~255°C
Sensitivity	:	Air & Light Sensitive
Solubility	:	Soluble in Water, Ethanol(96%) Insoluble in Acetone
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

**Note:** Product Specification are subject to amendment and may change over time

## Characterization of Tetracycline Hydrochloride



Particles Size Analysis -  $C_{22}H_{24}N_2O_8 \cdot HCl$

