

# Specification

## Technical Data Sheet

<b>Product Name</b>	Naltrexone hydrochloride
<b>Product No</b>	36434412
<b>CAS Number</b>	16676-29-2
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	377.86

### Specification

<b>Appearance</b>	White or off- white crystalline powder
<b>Grade</b>	USP35
<b>Heavy metals</b>	≤0.001%
<b>Water</b>	≤ 11.0%
<b>Content of Chloride</b>	9.2%~9.58%(on anhydrous and solvent-free basis)
<b>Residual Solvents</b>	Methanol ≤ 2000ppm Acetone ≤ 1000ppm
<b>Residue on Ignition</b>	≤ 0.10%

## Specification

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**Specific optical rotation**

-187°~-197°

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**Assay by HPLC**

98%~102%(on anhydrous and solvent-free basis)

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**Related Substances ( HPLC )**

Any single impurity $\leq$ 0.5% - Total impurity $\leq$ 1%

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