

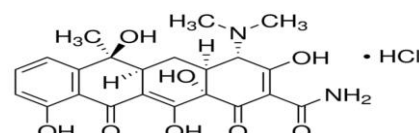


# Product Specification

cdhfinechemical.com

## TETRACYCLINE HYDROCHLORIDE FOR LAB USE

<b>PRODUCT CODE</b>	<b>239225</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(64-75-5)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>8</sub>HCl</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>480.90</b>
<b>PROPERTIES</b>	--



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Yellow Crystalline powder.
Solubility	5% Solution in water is clear and yellow to yellow orange colour.
Minimum assay (Dry basis)	95.0%
Specific rotation [α] <sub>20</sub> (C=1 in 0.01 NHCl) D	-239 to -258 <sup>0</sup>

### MAXIMUM LIMIT OF IMPURITY

Loss on drying	2.0%
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**Note(s) : Assay (if applicable) method mentioned.**

### WARNING

**HAZARD STATEMENTS** : May cause drowsiness and dizziness. Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction.

### PRECAUTIONARY STATEMENTS :

**Prevention** : Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after Handling .

**Response** : If skin irritation occurs, seek medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.

**Disposal** : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

**Hazard Pictogram(s) :-**



GHS07

IMDG Code : --

UN No. : --

IATA : --

Replace date 2-June-2023