

# Chem-Impex International, Inc.

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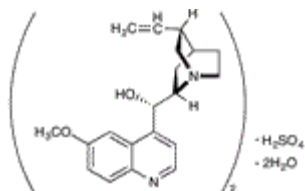
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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 32513  |
| <b>Product</b>           | <b>Quinidine sulfate salt dihydrate</b>            |
|                          | Conquinine sulfate salt dihydrate                  |
| <b>CAS Number</b>        | 6591-63-5  |
| <b>Molecular Formula</b> | $C_{40}H_{48}N_4O_4 \bullet H_2O_4S \bullet 2H_2O$ |
| <b>Molecular Weight</b>  | 782.94   |

|                                    |   |
|------------------------------------|---|
| <b>Warnings</b>                    | <i>Light Sensitive!</i>   |
| <b>Appearance</b>                  | Needle like crystal or white powder   |
| <b>Solubility</b>                  | Soluble in alcohol and in chloroform, slightly soluble in water, insoluble in ether   |
| <b>Odor</b>                        | Odorless  |
| <b>Heavy Metals</b>                | $\leq 10$ ppm   |
| <b>Water Content (Karl Fisher)</b> | 4.0 - 5.5%  |
| <b>Optical Rotation</b>            | $[\alpha]^{20}_D = 275 - 288^\circ$   |
| <b>Insoluble material</b>          | Chloroform alcohol : $\leq 0.1\%$   |
| <b>Related Substances</b>          | Chromatographic purity : Complies to USP standard   |
| <b>Residue On Ignition</b>         | $\leq 0.1\%$  |
| <b>Assay by titration</b>          | 99 - 101% (On dry basis)  |
| <b>Grade</b>                       | USP   |
| <b>Storage</b>                     | Store at RT   |
| <b>Additional Information</b>      | Its solution are neutral and alkaline to litmus.<br>Identification : Complies to USP standard<br>Limit of Dihydroquinidine sulphate : $\leq 20\%$ |

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**For Laboratory Use Only**