

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	32513
Product	Quinidine sulfate salt dihydrate
Lot Number	003020-01-05-2019 Conquinine sulfate salt dihydrate
CAS Number	6591-63-5
Molecular Formula	$C_{40}H_{48}N_4O_4 \cdot H_2O_4S \cdot 2H_2O$
Molecular Weight	782.94

Appearance	Needle like crystals or white powder, Light Sensitive
Solubility	Soluble in alcohol and in chloroform, slightly soluble in water, insoluble in ether
Odor	Odorless
Heavy Metals	< 10 ppm
Water Content (Karl Fisher)	4.35%
Optical Rotation	$[\alpha]^{20}_D = 280.16^\circ$
Insoluble material	Chloroform alcohol : 0.08%
Related Substances	Chromatographic purity : Complies to USP standard
Residue On Ignition	0.08%
Assay by titration	99.50% (On dry basis)
Grade	USP
Storage	Store at RT
Additional Information	Its solution are neutral and alkaline to litmus. Identification : Complies to USP standard Limit of Dihydroquinidine sulphate : 17.70%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager