

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 32512
Lot Number 002955-218001
Product **Quinidine anhydrous**

Conquinine anhydrous


CAS Number 56-54-2
Molecular Formula C₂₀H₂₄N₂O₂

Molecular Weight 324.42

Appearance White crystalline powder
Solubility Soluble in chloroform, insoluble in water
Melting Point 169 - 173 °C
Water Content (Karl Fisher) 0.21%
Optical Rotation [α]_D²⁰ = 260.8 ° (C=1.13% solution in ethanol)
Related Substances Single maximum unknown impurity : 0.04%
Assay Quinidine and Dihydroquinidine : 100.2%
Purity by HPLC Quinidine and Dihydroquinidine : 99.92%
Dihydroquinidine : 11.05%
Storage Store at 2 - 8 °C

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