

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	32479
<b>Product</b>	<b>Hydroquinidine hydrochloride</b>
<b>Lot Number</b>	003261-9683
	Dihydroquinidine hydrochloride
<b>CAS Number</b>	1476-98-8
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	362.89

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<b>Appearance</b>	White powder
<b>Clarity &amp; Color</b>	Clear and color < GY5
<b>Cation</b>	Nickel : < 2 ppm
<b>Acidity</b>	pH 6.6
<b>Optical Rotation</b>	[a] <sup>20</sup> <sub>D</sub> = 190 °
<b>Loss on Drying</b>	0.1%
<b>Sulfated Ash</b>	< 0.1%
<b>Assay by titration</b>	100%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Other cinchona alkaloids : Total : 0% Individual : 0%
<b>Remarks</b>	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**