

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	46519
<b>Lot Number</b>	003513-092023-001
<b>Product</b>	<b>(DHQD)<sub>2</sub>PHAL</b> Hydroquinidine 1,4-phthalazinediyl diether
<b>CAS Number</b>	140853-10-7
<b>Molecular Formula</b>	C <sub>48</sub> H <sub>54</sub> N <sub>6</sub> O <sub>4</sub>
<b>Molecular Weight</b>	778.98

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Freely soluble in dimethyl sulfoxide and chloroform
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -258.56 °
<b>Purity by HPLC</b>	99.75%
<b>Storage</b>	Store at 2 - 8 °C
<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