

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	33082
<b>Product</b>	<b>Sotalol hydrochloride</b>
<b>Lot Number</b>	000124-11115130 <i>N</i> -[4-[1-Hydroxy-2-(isopropylamino)ethyl]phenyl] methanesulfonamide hydrochloride
<b>CAS Number</b>	959-24-0
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>21</sub> ClN <sub>2</sub> O <sub>3</sub> S

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<b>Appearance</b>	Off-white powder
<b>Solubility</b>	Freely soluble in water, soluble in alcohol, very slightly soluble in chloroform
<b>Melting Point</b>	208 - 210 °C
<b>Heavy Metals</b>	< 0.002%
<b>Water Content (Karl Fisher)</b>	0.03%
<b>pH</b>	4.55
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 0.03 ° (125 mg/ml in methanol)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Methanol: < 19 ppm Isopropyl alcohol: < 2.8 ppm Acetone: < 1.6 ppm Methylene chloride: < 1.75 ppm Ethanol: 103 ppm
<b>Related Substances</b>	Sotalol related compound A, B, C: Not detected Any other impurity: 0.004% Total impurities: 0.01%
<b>Residue On Ignition</b>	0.06% (550 - 650°C)
<b>Titration</b>	11.65% (Chloride content)
<b>Purity by HPLC</b>	99.57% (on anhydrous basis)
<b>Grade</b>	USP

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**Storage**

Store at RT

**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**