

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	31890
<b>Lot Number</b>	002881-20230829
<b>Product</b>	<b>Hyodeoxycholic acid</b> 3 $\alpha$ ,6 $\alpha$ -Dihydroxy-5 $\beta$ -cholan-24-oic acid
<b>CAS Number</b>	83-49-8
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>40</sub> O <sub>4</sub>
<b>Molecular Weight</b>	392.57

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<b>Appearance</b>	Almost white powder
<b>Solubility</b>	Clarity without obvious precipitation
<b>Melting Point</b>	197.3 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 8 ° (C=2, EtOH)
<b>Loss on Drying</b>	0.35%
<b>Related Substances</b>	The solution of test sample shows impurity points shall not exceed 3 and the color compare with the main points of reference solution should not be darker
<b>Assay by titration</b>	98.5%
<b>Storage</b>	Store at RT
<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