

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	20883
Lot Number	002129-20160406
Product	Glycocholic acid sodium salt hydrate

N-Cholyglycine sodium salt hydrate

Sodium glycocholate hydrate

CAS Number	207614-05-9
Molecular Formula	$C_{26}H_{42}NO_6 \cdot Na \cdot 2H_2O$
Molecular Weight	523.64

Appearance	White crystalline powder
Heavy Metals	< 20 ppm
Water Content (Karl Fisher)	5.8%
Optical Rotation	$[\alpha]_D^{20} = +33.8^\circ$ (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Residual Solvents	Ethanol: < 0.5% Ethylacetate: < 0.1%
Related Substances	Cholic acid sodium salt: 0.2% Glycodeoxycholic acid sodium salt: 0.1% Ethylgeocholate: 0.1% Ethylglycodeoxycholate: < 0.2% Ethylcholate: < 0.5% Other unidentified related substances each: 0.35% Total sum of related substances: 1.1% (HPLC)
Purity by HPLC	99.29% (Dry basis)
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 20883

Lot Number: 002129-20160406

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