



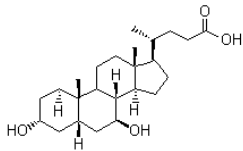
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

## CERTIFICATE OF ANALYSIS

NO: **DYC071804161**

Product name	Ursodeoxycholic acid
CAS Number	128-13-2
Molecule Structure	
Molecule Formula	C <sub>24</sub> H <sub>39</sub> O <sub>4</sub>
Batch number	DYC2018012501
Manuf&Exp. Date	Jan 25, 2018-Jan 24, 2020
Testing date	Jan 26, 2018

Analysis tests	Standard	Results
Appearance	White powder	Conform with CP2005
Rotation	+59.0° - +62.0°	+60.5°
Melting Point	M. P200-204°C	201.9-202.4°C
Maximum impurity(%)	Max1.0%	0.1%
Residue on ignition(%)	Max0.2%	Max0.02%
Chloride(%)	Max0.02%	0.016%
Loss on drying	NTMO.5%	0.15%
Heavy Metals (PPM)	Max20.0PPM	1.0%
Assay (C <sub>24</sub> H <sub>40</sub> O <sub>4</sub> )	Min99%	99.45%
Conclusion	Accord with the CP2005	

Hangzhou Dingyan Chem Co., Ltd.  
QUALITY CONTROL: *Cristina*  
Quality Control  
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风