

Career Henan Chemical Co

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CERTIFICATE OF ANALYSIS

Product Name: Lithocholic acid
CAS Number: 434-13-9
Purity: 98%
Manufacture Date: Mar.01,2018
Lot No: CC20180301
Bacth quantity: 150kg
Expiry date: Mar.01,2020

TESTS	SPECIFICATIONS	RUSULTS
Appearance	White or almost white powder	Confirmed
Melt point	183-188°C	184-186°C
Specific Optical Rotation	+35°	+35.5°
Identification	Comparable IR absorption with thereference	Confirmed
	The spot is similar in position, colour and size with the reference spot	Confirmed
Related substances(TLC)	Any other single impurity: $\leq 0.25\%$	Confirmed
Loss on drying	$\leq 1.0\%$	0.5%
Sulphated ash	$\leq 0.5\%$	0.15%
Heavy metals	$\leq 10\text{ppm}$	Confirmed
Content of C ₂₄ H ₄₀ O ₃	98.0-99.0% (as dry basis)	98%
Conclusion	The product complies with the specification described in monograph	