



杭州海蓝化工有限公司

HANGZHOU HAILAN CHEMICAL CO.,LTD

Certificate of Analysis

Product Name	Cholic Acid	CAS	81-25-4
Chemical formula	C ₂₄ H ₄₀ O ₅	Packing	25*2
Batch Number	2020519	Date of Produce	20250523
Workshop	Biochemical Workshop	Date of Report	20250526
Standard	Chinese Pharmacopoeia Standard		
Items	Specification	Test Result	Confirm
Properties	Off -white Powder	White Powder	Confirmed
Identify	Infrared spectra are consistent with the reference substance	Infrared spectra are consistent with the reference substance	Confirmed
	TLC is consistent with the reference substance	TLC is consistent with the reference substance	Confirmed
Purity	≥98.0%	99.14%	Confirmed
Heavy Metals	≤10.0ppm	7.9ppm	Confirmed
Related substance	Deoxycholic acid<0.5%	0.23%	Confirmed
Residue	<0.3%	0.10%	Confirmed
Alcohol-soluble	Clarified Free of Sediment	Clarified Free of Sediment	Confirmed
Loss On Drying	≤1.0%	0.3%	Confirmed
Result	The product testing according to <Chinese Pharmacopoeia Standard>		
Tester	弭兆红	Re-tester	韩凌