



XI'AN JULONG BIO-TECH CO.,LTD

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Certificate Of Analysis--Ceramide

Product Name	ceramide	Batch No	JL-20210122
Quantity	500KG	Analysis Date	Jan,23th,2021
Mfg. Date	Jan,22th,2021	Exp. Date	Jan,21th,2023
Package	25KG per drum	Standard	USP
Items	Requirements	Results	
Appearance:	white Powder	white Powder	
Identification	A. IR B. HPLC	Conforms	
Loss on drying	≤2.0%	1.2%	
Identification A	IR spectrum corresponds to the reference chloramphenicol standard	Conforms	
Melting point	about 166°C,with decomposition	Conforms	
Related Substance	Individual impurity ≤1.0% Total impurity ≤2.0%	0.1% 0.7%	
Heavy metal	≤ 10ppm	<10ppm	
Pb :	<1 ppm	Conforms	
Cadmium(Cd) :	<0.5 ppm	0.3ppm	
As :	<10ppm	Conforms	
Hg:	< 1 ppm	Negative	
Residue on ignition	≤0.1%	0.04%	
Assay (HPLC)	98.0%~102.0%	99.5%	
Conclusion:	The product conforms to USP		

QC MANAGER: 董卓 INSPECTOR: 张赞



ANALYST: 王胜利