



XI'AN JULONG BIO-TECH CO.,LTD

Address:FULI BAILU BAY ,BAQIAO DISTRICT ,XI'AN,SHAANXI PROVINCE, CHINA.

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Certificate of Analysis--Acetyl L-Carnitine

Product Name	Acetyl L-Carnitine	Batch No	JL-20201124
Quantity	10KG	Analysis Date	Nov.,25th,2020
Mfg. Date	Nov.,24th,2020	Exp. Date	Nov.,23th,2022
Package	25KG per drum	Standard	GMP/USP/UP
Item	Specification	Result	
Appearance	White powder	Complies	
Related substance	Total impurity $\leq 0.5\%$ Max single impurity $\leq 0.1\%$	0.2% 0.06%	
Odor	Characteristic	Complies	
Assay	98%	98.22%	
Sieve analysis	100% pass 80 mesh	Complies	
Heavy Metal	<10ppm	Complies	
As	<0.1ppm	0.05ppm	
Pb	<0.1ppm	0.05ppm	
Cd	<0.1ppm	0.05ppm	
Residual Solvents	<100ppm	Complies	
Residual Pesticide	Negative	Complies	
Total Plate Count	<1000cfu/g	Complies	
Yeast & Mold	<100cfu/g	Complies	
E.Coli	Negative	Complies	
Salmonella	Negative	Complies	

QC MANAGER: 董卓

INSPECTOR: 张赞 ANALYST: 王胜利



