



XI'AN JULONG BIO-TECH CO.,LTD

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

Tel:+86-02983614387

www.biojulong.en.alibaba.com

Certificate of Analysis - D-Panthenol

Product Name	D-Panthenol	Batch No	JL-20210210
Quantity	5000 KG	Analysis Date	Feb.10th,2021
Mfg. Date	Feb.10th,2021	Exp. Date	Feb.09th,2023
Items	Specification	Results	
Appearance	White Crystalline Powder	Conform	
Identification			
A: Infrared absorption 197K	Concordant with the reference Spectrum	Conform	
B : A solution (1 in 20) responds to the tests for calcium	Conform to USP30	Conform	
Specific Rotation	+25°---+27.5°	+26.75°	
Alkalinity	No pink color is produced within 5 seconds	Conform	
Loss On Drying	Not more than 5.0%	2.33%	
Heavy Metals	Not more than 0.002%	Conform	
Ordinary Impurities	Not more than 1.0%	Conform	
Organic Volatility Impurities	Meets the requirements	Conform	
Nitrogen Content	5.7-6.0%	5.73%	
Content of Calcium	8.2-8.6%	8.39%	
Conclusion: The product complies with USP34			

QC MANAGER: 董卓 INSPECTOR: 张赞 ANALYST: 王胜利

