



Y&R

Chemistry for Colorful Life

天津誉瑞特品科技有限公司

Tianjin YR ChemSpec Technology Co.,Ltd.

Add:908,Changqing Building,Weishan-Nan Road,Jinnan Distric,Tianjin,China 300350

Tel:+86-22-27607566

Fax:+86-22-27607566

e-mail:sales@yrspec.com

website:www.yrspec.com

CERTIFICATE OF ANALYSIS

Product:D-Calcium Pantothenate		Quantity:5,000KGS
Batch No.:20190602		Inspection Date:Jun.20,2019
Mfg.Date:Jun.19,2019		Exp.Date:Jun.18,2022
ITEMS	SPECIFICATIONS(USP38)	RESULTS
Appearance	White Powder	White Powder
Identification A	Infrared Absorption 197K Concordant with the reference spectrum	Conforms
Identification B	A solution (1 in 20) responds to the tests for Calcium conform to USP40	Conforms
Specific optical rotation	+25.0° ~ +27.5°	+26,7°
Alkalinity	No pink color is produced within 5 seconds	Conforms
Loss on Drying	Not more than 5.0%	3.6%
Content of calcium	8.2~8.6%	8.36%
Assay(HPLC)	98.0~102.0%	98.4%
Total plate count	<1000CFU/g	Conforms
Mold and Yeast	<100CFU/g	Conforms
Conclusion: Pass		
Checked: 徐长琴		Inspector: 穆永青