



Certificate of Analysis

Product:	D-calcium pantothenate food grade	Cas No.:	137-08-6
Quantity:	2MTs	Package:	25kg/carton
MFG Date:	2021/4/18	Batch No.:	2021041801
EXP Date:	2024/4/16	Standard:	USP43

Item	USP	Result
Appearance	White or almost white powder	Conform
Identification	A: Spectroscopic Identification Tests-infrared spectroscopy	Conform
	B: Identification tests-General Calcium	Conform
Specific optical rotation	+25.0° ~+27.5°	+26.7°
Alkalinity	No pink color is produced within 5s	Conform
Loss on drying	Not more than 5.0%	2.5%
Content of calcium	8.2%~8.6%	8.31%
Assay	98.0%-102.0%	98.5%
Total plate count	<1000CFU/g	Conform
Mold and Yeast	<100 CFU/g	Conform
Heavy metals	Not more than 20ppm	Conform

Inspector: Meng Cheng

Checker: Yun Li