XINFA PHARMACEUTICAL CO.,LTD

CERTIFICATE OF ANALYSIS

Product name：D-Calcium Pantothenate
Batch No.：250909F022 **Quantity：400KG** **Standard: USP2021**
Manufacturing date: SEP.09,2025 **Expiry date: SEP.08,2028** **Expiry：3 years**

Items of analysis	Specification	Results
Appearance	White or almost white powder	Conform
Identification		
A: Spectroscopic Identification Tests -infrared spectroscopy	Concordant with the reference spectrum	Conform
B: Identification tests -General Calcium	Conform to USP2021	Conform
Specific optical rotation	+25.0° ～+27.5°	+26.8°
Alkalinity	No pink color is produced within 5s	Conform
Loss on drying	Not more than 5.0%	2.9%
Content of calcium	8.2%～8.6%	8.39%
Assay	98.0%-102.0%	98.3%
Total plate count	<1000CFU/g	Conform
Mold and Yeast	<100 CFU/g	Conform
Heavy metals	Not more than 20ppm	Conform

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Conclusion: **Conform to USP2021**

Approval: Checker: Analyst:

XINFA PHARMACEUTICAL CO., LTD.
新发药业有限公司
ADD:EAST OF HUAFENG ROAD,SOUTH OF BEIWAIHUAN,KENLI DEVELOPMENT ZONE,DONGYING CITY, SHANDONG PROVINCE OF CHINA. (FORMERLY EAST HUANGDIAN,KENLI TOWN)
地址：东营市垦利开发区北外环以南华丰路以东（原垦利镇黄店村东）邮编：257500

Residual Solvent Statement

To whom it may concern,

We, Xinfa Pharmaceutical Co., Ltd., hereby certify that the residual solvent limit of D-Calcium Pantothenate is as follows:

Methanol≤3000ppm

Ethyl acetate ≤5000ppm

We fully understand the importance and accuracy of this statement.

For & on behalf of

Company Name: Xinfa Pharmaceutical Co., Ltd.

Date: JAN.10,2025