

# XINFA PHARMACEUTICAL CO.,LTD

## CERTIFICATE OF ANALYSIS

Product name: D-Calcium Pantothenate

Batch No.: 250122H022

Quantity: 400KG

Standard: USP2021

Manufacturing date: JAN.22,2025

Expiry date: JAN.21,2028

Expiry: 3 years

| Items of analysis                     | Specification                          | Results |
|---------------------------------------|----------------------------------------|---------|
| Appearance                            | White or almost white powder           | Conform |
| Identification                        |                                        |         |
| A: Spectroscopic Identification Tests | Concordant with the reference spectrum | Conform |
| -infrared spectroscopy                |                                        |         |
| B: Identification tests               | Conform to USP2021                     | Conform |
| -General Calcium                      |                                        |         |
| 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%                     | 2.2%    |
| Content of calcium                    | 8.2%~8.6%                              | 8.41%   |
| Assay                                 | 98.0%-102.0%                           | 98.2%   |
| Total plate count                     | <1000CFU/g                             | Conform |
| Mold and Yeast                        | <100 CFU/g                             | Conform |
| Heavy metals                          | Not more than 20ppm                    | Conform |

Conclusion: Conform to USP2021

Approval:

周强

Checker:

李健健

Analyst:

杨玉良



**XINFAPHARMACEUTICAL 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

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## **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 $\leq$ 3000ppm**

**Ethyl acetate  $\leq$ 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**

