

XINFA PHARMACEUTICAL CO.,LTD

CERTIFICATE OF ANALYSIS

Product name: D-Calcium Pantothenate

Batch No.: 250820X022

Quantity: 400KG

Standard: USP2021

Manufacturing date: AUG.20,2025

Expiry date: AUG.19,2028

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°	+26.9°
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%	8.39%
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



Conclusion:

Conform to USP2021

Approval:

周磊

Checker:

李健健

Analyst:

穆玉良