

XINFAPHARMACEUTICAL CO.,LTD


CERTIFICATE OF ANALYSIS

R120609—USPC06—01

ARTICLE	D-Panthenol 75% / SPECIFICATION Dexpanthenol 75%	
LOT NO.	240618F161	

ITEM	SPECIFICATION	RESULT
Appearance	Colorless or slightly yellowish, clear, viscous liquid	conforms
Odor	Slightly characteristic odor	conforms
Identification test	IR spectrum	conforms
Specific Rotation	+29.5~+32.0°	31.1°
Specific Gravity	1.05~1.20	1.12
Residue on Ignition (Sulphated ash)	not more than 0.1%	0.06%
3-Aminopropanol (TLC)	not more than 1.0%	Passed
Heavy metals	not more than 10ppm	Passed
PH (10% *solution, *related to assay)	6.0~7.5	6.76
Assay	75.0%~ 78.5% (HPLC Method)	76.2%
Additional tests:		
Formaldehyde	not more than 5ppm	0.01PPM
D-Pantolactone	not more than 1.0%	conforms
Pantoic Acid	not more than 0.5%	conforms
total aerobic microbial count (TAMC)	not more than 100cfu/g	conforms
total combined yeasts (TYMC)	not more than 10cfu/g	conforms

Manufactured and tested by XinFa Pharmaceutical Co., Ltd., NO.1 TONGXING ROAD, KENLI COUNTY, DONGYING CITY, SHANDONG PROVINCE, CHINA.

DATE OF PRODUCTION	JUN. 18,2024	Lishan Zhou	
DATE OF ANALYSIS	JUN. 18,2024		
EXPIRY DATE	JUN. 17,2026		