

XINFA PHARMACEUTICAL CO.,LTD.

新发药业有限公司

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PRODUCT DATA SHEET

Product Name: D-Panthenol

Product Expiry Date: 2 years

Product Characteristics:

D(+)-Pantothenyl Alcohol; Panthenol

Appearance: colourless or lightyellow liquid or white power

Chemical Formula: C₉H₁₉NO₄

Molecular Weight: 205,25

CAS number: 81-13-0

Specificatons:

Items	Standard USP30 / FCCV /BP2009	Test Data
1. Appearance	colourless or lightyellow liquid or white power	Meets
2. Identification	Positive	Meets
3. Specific optical rotation	+29.0°~+31.5°(USP、FCC) +29.0°~+32.0°(BP)	Meets
4. water	not more than1.0%	Meets
5. Heavy metals	not more than 20ppm(BP) Not more than 5ppm (FCC)	Meets
6. Organic volatile impurities	meet the requirements(USP)	Meets
7. Solubility	It is freely soluble in water, in alcohol, in methanol,and in propylene glycol.It is soluble in chloroform and in ether,and is slightly soluble in glycerin.	Meets
8. Assay	98.0%~101.0%(BP) 98.0%~102.0% (USP、FCC)	Meets
9. Aminopropanol	not more than 1.0%.(USP、FCC) not more than 0.5%.(BP)	Meets
10. PH	not more than 10.5(BP)	Meets
11. Residue on Ignition	not more than 0.1%	Meets
12.refractive index	1.495~1.502(USP、FCC)	Meets
13.Appearance of solution	Not more than solution B ₆ (BP)	Meets