



**XINFA PHARMACEUTICAL CO., LTD.**  
**新发药业有限公司**

**PRODUCT DATA SHEET**

**Product Name:** D-Calcium pantothenate

**Product Expiry Date:** 3 years

**Product Characteristics:**

Alanine,*N*-(2,4-dihydroxy-3,3-dimethyl-1-oxobutyl)-,calcium salt (2:1)

**Appearance:** White or almost white powder

**Chemical Formula:** C<sub>18</sub>H<sub>32</sub>CaN<sub>2</sub>O<sub>10</sub>

**Molecular Weight:** 476.53

**Specification:** USP

**CAS number:** 137-08-6

Items of analysis	Specification
<b>Appearance</b>	White or almost white powder
<b>Identification</b>	
A: Spectroscopic Identification Tests-infrared spectroscopy	Concordant with the reference spectrum
B: Identification tests-General Calcium	Conform to USP2021
<b>Specific optical rotation</b>	+25.0° ~+27.5°
<b>Alkalinity</b>	No pink color is produced within 5s
<b>Loss on drying</b>	Not more than 5.0%
<b>Content of calcium</b>	8.2%~8.6%
<b>Assay</b>	98.0%-102.0%

