

# Specification

**Formula Hill:**  $C_9H_{16}NO_5 \cdot 0,5Ca$   
**Molar Mass:** 238,27 g/mol  
**CAS N°:** 137-08-6

Print Date: 04 August 2022

113551 Calcium D-Pantothenate, USP

|                      | Specifications |
|----------------------|----------------|
| Assay                | 98,0 - 102,0 % |
| Identity             | conforms       |
| Appearance           |                |
| - White powder       | conforms       |
| Alkalinity           | conforms       |
| Specific rotation    | 25,0 - 27,5 °  |
| Nitrogen (N)         | 5,7 - 6,0 %    |
| Heavy metals (as Pb) | ≤ 0,0020 %     |
| Calcium (Ca)         | 8,2 - 8,6 %    |
| Loss on drying       | ≤ 5,0 %        |

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: USP specification