

## Product Datasheet

### GE9583 - D-Pantothenic acid

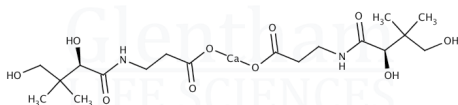
### calcium salt, USP grade

#### Product Details

|                    |                                               |
|--------------------|-----------------------------------------------|
| Product Name       | D-Pantothenic acid calcium salt, USP grade    |
| Glenthams Code     | GE9583                                        |
| CAS Number         | 137-08-6                                      |
| EINECS             | 205-278-9                                     |
| MDL-Nummer         | MFCD00002766                                  |
| Zusätzliche CAS    | 331748-07-3 (xH <sub>2</sub> O)               |
| Zusätzliche CAS    | 63409-48-3 (DL-)                              |
| Related Categories | APIs, Biochemicals, Vitamins, Organometallics |

#### Structure

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Molecular Weight  | : 476.54                                                           |
| Molecular Formula | : C <sub>18</sub> H <sub>32</sub> CaN <sub>2</sub> O <sub>10</sub> |



### Glenthams Product Specification

|                                |                                     |
|--------------------------------|-------------------------------------|
| Physical Description           | : White powder                      |
| Identification                 | : To pass tests A (IR); B (Calcium) |
| Calcium (Ca)                   | : 8.2 - 8.6 %                       |
| Nitrogen (N)                   | : 5.7 - 6.0 %                       |
| Heavy Metals                   | : ≤ 20ppm                           |
| Organic Impurities             | : ≤ 1.0%                            |
| Specific Optical Rotation      | : +25.0 - +27.5 ° (c=5, water)      |
| Alkalinity                     | : To pass test                      |
| Loss on Drying                 | : ≤ 5.0% (105°C, 3h)                |
| Pharmacopoeia Specification(s) | : USP                               |
| Assay                          | : 98.0 - 102.0 % (dried basis)      |
| Version                        | : v1.0                              |

### About D-Pantothenic acid calcium salt, USP grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025