

# Pantothenic Acid Calcium T-S Seizai

## Chemical names

Calcium D-pantothenate,  
D-pantothenic acid hemicalcium salt, vitamin B<sub>5</sub>

**CAS-No.** 137-08-6

**EINECS-No.** 205-278-9

## PRD-No.

30199584

## Article

53087489 10 kg fibreboard boxes

## Country of origin

Japan

## Description

White, granular powder with a mild characteristic odor.

## Composition

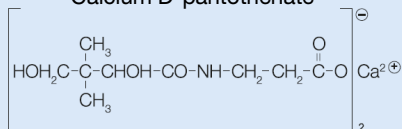
Ingredients in descending order of weight:  
D-pantothenic acid calcium salt (vitamin B<sub>5</sub>),  
calcium lactate (E 327).

## Specification

Assay	min. 63% of calcium pantothenate calculated on the dried basis (HPLC)
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For other information see separate document: "Product specification" (not for regulatory purposes).

## Calcium D-pantothenate



**Molecular formula:** C<sub>18</sub>H<sub>32</sub>CaN<sub>2</sub>O<sub>10</sub>

**Molar mass:** 476.6 g/mol

## Monographs

The active ingredient complies with the current monographs for "Calcium Pantothenate": Ph.Eur, USP, FCC and IP.

## Standards

The product is kosher.

## Regulations

The product meets the regulatory requirements for a source of pantothenic acid in most countries. However, regulations in the respective countries and for the intended use have to be observed.

## Particle-size

Min. 95% smaller than 350 μm (45 mesh USP)  
Max. 30% smaller than 75 μm (200 mesh USP)

## Stability

Stored in the unopened original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.

## Storage

The product should be stored in the tightly sealed original packaging in a dry place, at temperatures below 25 °C.

## Applications

### Dietary supplements:

Pantothenic Acid Calcium T-S Seizai is a stabilized form of calcium pantothenate, intended for use in solid dosage forms such as hard shell capsules and tablets. It is particularly suitable for direct compression.

## Note

Pantothenic Acid Calcium T-S Seizai must be handled in accordance with the Safety Data Sheet.

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