Product Data Sheet FOOD/PHARMA/COSMETIC

Calcium Propionate

Synonyms: Calcium dipropionate, Calcium propanoate, Propanoic acid Calcium Salt
INCI name: Calcium Propionate

CAS no.	4075-81-4	**EINECS no.**	223-795-8	**HS no.**	29155000	**INCI no.**	397

General Characteristics

Formula	$C_6H_{10}CaO_4$
Molecular weight	186.22 g/mol
Metal content	approx. 21 Ca
Solubility (20 °C)	++
pH (1 %)	approx. 9
Odor	typical
Flavor	slightly sweetish, bitter
Quality	E 282 | FCC | JECFA

++ > 100 g/l | **+** 10 - 100 g/l | **–** 1 - 10 g/l | **––** < 1 g/l
The solubility specified here was measured in water. The solubility is influenced by many factors in the application.

Product

Product no.	Appearance
502022001	powder
502022002	dust free powder
502022003	fine granules

Key Features

Food additive

- Preservative for bakery and confectionery products

Pharmaceutical applications

- Anti-microbial agent

Cosmetic applications

- Preservative
- pH-regulator

Calcium Propionate

Legal Permission acc. to EU Food Regulation

- Food additive[1]

Allergen

The above-mentioned substances do not contain allergens according to:

- Regulation (EU) No 1169/2011 of the European Parliament and of the Council on the provision of food information to consumers
- Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA)
- RESOLUÇÃO DA DIRETORIA COLEGIADA - RDC N° 26/2015 (Brazil)
- National food safety standard General Rules for the labeling of prepackaged foods GB7718-2011 (China)
- Specifications and Standards for Foods, Food Additives, etc. Under the Food Sanitation Act 2010 (Japan)

Vegan/Vegetarian

The above-mentioned substances do not contain any animal derived products. They are compatible with vegetarian and vegan diet.

Nutritional Data

Nutrition declaration according to Regulation (EC) No. 1169/2011
Basis: typical calculated values for 100 g product

Energy		1001 / 231	kJ/kcal
Carbohydrate			g
- of which,	sugars	-	g
	polyols	-	g
	starches	-	g
Fat			g
- of which,	saturates	-	g
	mono-unsaturates	-	g
	poly-unsaturates	-	g
Protein		-	g
Fibre		-	g
Alcohol		-	g
Organic acid		approx. 77	g
Salt (Calculated from sodium content)		-	g

Minerals		
Aluminium	-	g
Ammonium	-	g
Calcium	approx. 21	g
Chloride	-	g
Chromium	-	g
Copper	-	g
Iodine	-	g
Iron	-	g
Lithium	-	g
Magnesium	-	g
Manganese	-	g
Molybdenum	-	g
Phosphorus	-	g
Potassium	-	g
Selenium	-	g
Sodium	-	g
Strontium	-	g
Zinc	-	g

The information given in the document corresponds to our current knowledge. We warrant in the frame of our General Terms and Conditions of Sale that our products are manufactured in accordance with the specifications. However, we disclaim any liability with regard to the suitability of our products for a particular purpose or application or their compatibility with other substances. Tests have to be performed by the customer who also bears the risk in this respect. Nothing herein shall be construed as a recommendation to use our products in conflict with third parties' rights.

Calcium Propionate

Product Documentation

- Kosher
- Halal
- GMO-free
- BSE/TSE-free

Retest Period

36 months

Storage Conditions

Keep well closed, dry and at room temperature

Packaging

25 kg – different types of packaging are available on request

Certification

Our company is GMP (according part II – active pharmaceutical substances), FSSC 22000/ISO 22000 and DIN EN ISO 9001 certified, and our products are: Made in Germany.
Our production site in Emmerthal was successfully inspected by the FDA (U.S. Food and Drug Administration) in the context of FSMA (food safety modernization act).

References

[1] Regulation (EC) No 1333/2008 of the European Parliament and of the Council on food additives

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