

Profina™ CP

Making a difference in mold inhibition

Product Description

Profina™ CP (calcium propionate) is the calcium salt of propionic acid. Profina™ CP helps to preserve food by inhibiting the growth of spoilage microorganisms, thereby increasing shelf-life. In bakery applications, calcium propionate is used for protection against mold and rope bacteria with minimal impact on yeast activity and organoleptic quality.

Segment Applications

Food preservative (E282).

Delivery Forms

20 kg bags on 600 kg pallet.



Profina™ CP – making a difference in mold inhibition.

Profina™ CP

Making a difference in mold inhibition

Sales Specification

Characteristics	Unit	Specification	Analytical Method
Calcium propionate content	%	Min. 99.0 ²	PO 124-4 ¹
Moisture content	%	Max. 4.0	PO 109-1 ¹
Water insolubles	%	<0.3	PO 132-4 ¹
pH (10% aq. solution)		6.0-9.0	PO 110-2 ¹
Iron	mg/kg	<50	NMKL186-FE
Fluoride	mg/kg	<10	MPI-171-FL
Arsenic	mg/kg	<3	NMKL186-AS
Lead	mg/kg	<5	NMKL186-PB
Mercury	mg/kg	<1	NMKL186-HG
Magnesium	mg/kg	<2500	NMKL186-MG

1. Analytical methods are available on request

2. Dry content

General Characteristics

Characteristics	Typical Value ¹
Appearance	White crystalline powder

1. Typical values are for information only and not part of sales specification

Recommended usage

Recommended usage levels for calcium propionate in bakery are 0.1-0.3% on flour weight but are dependent on the used formulation and processing conditions. Profina™ CP is vegan and allergen free.

Certifications

Kosher Sedex Registration
Halal ISO 9001 & 14001
FSSC 22000

Handling and Storage

Keep cool and dry in its original packaging.
Shelf life is 3 years from production date.

Regulation

Profina™ CP meets the requirements according to Food Safety Standard – FCC, EU regulation 231/2012/EC and is GRAS according to FDA regulation.

Regulatory requirements vary per country, please check with local authorities for the regulation on the use of preservatives in the desired application.

CAS No.: 4075-81-4
HS No.: 2915 50
EC (EINECS) No.: 223-795-8

Effective date: April 21, 2023

USERS ARE ADVISED TO MAKE THEIR OWN INDEPENDENT DETERMINATION OF THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE. EXCEPT FOR WHAT IS STATED IN PERSTORP'S GENERAL CONDITIONS OF SALE OR SEPARATELY IN A WRITTEN CONTRACT WITH PERSTORP, NO INFORMATION PROVIDED IN THIS DATA SHEET CONSTITUTES A WARRANTY (EXPRESS OR IMPLIED) BY PERSTORP, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.