

## PROTERIA™ CA

### PRODUCT DESCRIPTION SHEET

Code 0602	File name Proteria CA PDS	Analyst Dr. Yudi	Date 27/08/2018
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#### DESCRIPTION

Proteria® CA is a natural cultured cane sugar produced by fermentation with specifically selected food cultures. This unique product contains fermentation products such as organic acids, residual sugars, peptides and/or aromas, specially designed to apply in culinary products.

#### KEY BENEFITS

- Maintain food fresh and authentic appeal
- Prevent microbial growth
- Shelf life extension
- Natural, clean label

#### APPLICATION AREAS

Culinary such as Condiments, RTE meals, Refrigerated meals, Cooking sauces, Refrigerated soups, Deli salads, Dips and spreads, Fillings and stuffing, Ketchup, Mayonnaise.

#### USAGE LEVEL

The recommended dosage is range of 0.5 - 2% of final product (w/w). Exact dosage depends on the nature of the product for which it is intended.

#### DIRECTIONS FOR USE

The method of applying Proteria® CA depends on the application for which it is used. Please contact us for specific information.

#### COMPOSITION

Lactate (w/w)	> 50%
Liquid (w/w)	< 50%
Sodium (w/w)	8-11%
Potassium	≤ 7%
Sugars (w/w)	≤ 1%
Succinic acid (w/w)	<1%
Propionate	<1%

#### HEAVY METAL SPECIFICATIONS

Arsenic (mg/kg)	≤ 1
Cadmium (mg/kg)	≤ 1
Lead (mg/kg)	≤ 1
Mercury (mg/kg)	≤ 1
Total heavy metals (mg/kg)	≤ 5

#### PHYSICAL-CHEMICAL SPECIFICATIONS

pH (10% solution)	5.0-5.6
Color (Gardner)	3-18
Flavor, odor and taste	Umami, bouillon

#### MICROBIOLOGICAL SPECIFICATIONS

<i>E. Coli</i> (/g)	absent
Enterobacteriaceae (/g)	absent
Mesophilic bacteria (count/g)	< 3000
<i>Salmonella</i> (25g)	absent
<i>Staphylococcus</i> (25g)	absent
TYMC (count/g)	<100

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#### NUTRITIONAL DATA

Approximate values for Nutrition labelling per 100g.

Contribution to energy level is insignificant at recommended usage levels.

Energy	182calories/100g
Protein	2.5g/100g
Carbohydrate	41g/100g
-of which sugars	0
Fat	0
Sodium	10g/100g
Potassium	0.7g/100g
Calcium	3mg/100g
Vitamin B3	3mg/100g

#### STORAGE

##### Conditions:

Storage unopened below 20°C in dry conditions, away from direct sunlight. When opened, store at approx. 20°C in original container.

##### Shelf life:

Shelf life is 24 months when stored according to recommendations.

#### PACKAGING

Proteria® CA is available in 1L or 25kg/barrel.

#### REGULATIONS

Proteria® CA is recommended to label as natural extract, the ingredients of which are approved as GRAS by FDA, USA.

The regulations governing the use of Proteria® CA vary considerably in the countries in which it is currently approved. Advice regarding the legal status of this product is available on request.

#### COUNTRY OF ORIGIN

Belgium

#### KOSHER STATUS

This product is certified by OK Kosher.

#### HALAL STATUS

This product is pending for HALAL certification.

#### GMO STATUS

According to regulations Ec No. 1829/2003 and 1830/2003.

Microorganisms used for the production of this product are not genetically modified.

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Code  
0602

File name  
Proteria CA PDS

Analyst  
Dr. Yudi

Date  
27/08/2018

#### ALLERGEN STATUS

Components	Y/N
Peanut or its derivatives	N
Tree Nuts, macadamia nuts, pecans, pine nuts, pistachios and walnuts or their derivatives	N
Sesame or its derivatives	N
Eggs or its derivatives	N
Fish or its derivatives	N
Crustaceans and shellfish or their derivative	N
Soy or its derivatives	N
Wheat, triticale or their derivatives	N
Mustard or its derivatives	N
Milk or its derivatives (e.g. Lactose)	N
Sulphites	N

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The information contained in this file is based on our own testing analysis and is, to the best of our knowledge, reliable. Users should, however, conduct their own test to determine the suitability of our products for their own specific purposes.



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