

GUARDOX™ AE

PRODUCT DESCRIPTION SHEET

Code 0903	File name PDS_0903_ GUARDOX™ AE	Analyst Dr. Lane	Date 04/02/2020
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DESCRIPTION

Guardox™ AE is a natural acerola cherry extract rich in vitamin C and used as an antioxidant flavouring for preventing lipid oxidation in processed fruits, RTE meals and meat products.

MICROBIOLOGICAL SPECIFICATIONS

Mould and yeast (cfu/g)	< 100
Total plate count (cfu/g)	< 1,000
<i>E. coli</i> (/g)	Absent
<i>Salmonella</i> (/25g)	Absent

KEY BENEFITS

- Delay of oxidative rancidity;
- Prevention against discoloration;
- Shelf life extension;
- Natural, clean label.

NUTRITIONAL DATA

Approximate values for Nutrition labelling per 100g.

Contribution to energy level is insignificant at recommended usage levels.

APPLICATIONS

Applications	Rec. dosage (w/w)
Fruit and Vegetable Apple jam	0.3 g/kg
Meat, Poultry & Fish Fresh ground beef	0.2 g/kg
RTE meals (e.g. chicken burger)	0.2 g/kg

Energy	334.23 Kcal
Protein	8.56 g
Carbohydrate	64.56 g
-Sugar	0.01 g
-Other carbohydrate	64.55 g
Fat	26.37g
-Saturated fat	0
-Trans fat	0
Dietary fiber	9.95 g
Sodium	14.06 mg
Potassium	0.1mg
Calcium	0
Iron	0
Vitamin A	0
Vitamin C	0
Vitamin E	0.5 mg
Vitamin B12	0.1ug
Ash	0

DIRECTIONS FOR USE

The recommended dosage is range of 0.2-0.3 g/kg of final product (w/w). Exact dosage depends on the nature of the product for which it is intended.

The method of applying Guardox™ AE depends on the application for which it is used. Please contact us for specific information.

COMPOSITION

Acerola extract	17%
Maltodextrin	83%

STORAGE CONDITIONS

Conditions:
Store unopened below 5-20°C in dry conditions, away from direct sunlight. When opened, store at approx. 5- 20°C in original container.

HEAVY METALS

Total heavy metal (mg/kg)	≤ 10
Lead (mg/kg)	≤ 2
Arsenic (mg/kg)	≤ 3
Cadmium (mg/kg)	≤ 1
Mercury(mg/kg)	≤ 1

Shelf life:
Shelf life is 12 months when stored according to recommendations.

PHYSICAL / CHEMICAL SPECIFICATIONS

Appearance	Dark amber Powder
Odor and taste	Slightly fruity
pH	5-7

PACKAGING

Guardox™ AE is available in 1 kg / pouch. Packaging is available in other quantities. The packaging materials comply with Regulation (EU) No 10/2011.

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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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COUNTRY OF ORIGIN

Belgium

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

GMO STATUS

According to regulations Ec No. 1829/2003 and 1830/2003. Organisms used for the production of this product are not genetically modified.

CERTIFICATE STATUS

The product is certified by KOSHER, HALAL and ISO22000:2005.

REGULATION STATUS

Guardox™ AE may be labelled as acerola flavoring or acerola extract and maltodextrin, which complies with REGULATION (EC) No. 1334/2008 on flavourings and certain food ingredients with flavouring properties for use in and on foods.

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