

FIXOLOR™ AT

PRODUCT DESCRIPTION SHEET

Code 1021	File name PDS_1021_FIXOLOR® AT	Analyst Dr. Lane	Date 02/02/2020
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DESCRIPTION

Fixolor™ AT is a unique and natural cultured sugarcane fermented by *Lactobacillus* sp. It is used to replace (or partially replace) citric acid for shelf life extension in acidic juices by increasing anthocyanin (color) stability and providing multi-barrier to prevent *Alicyclobacillus*, yeast and mold growth.

KEY BENEFITS

- Increase anthocyanin (color) stability;
- Prevent *Alicyclobacillus*, yeast and mold;
- Extended shelf life;
- Clean-label.

APPLICATIONS

Applications	Rec. dosage (w/w)
Beverages	
Apple juice concentrate	1.0-5.0 ml/L
Strawberry and raspberry juice concentrate	1.0-5.0 ml/L

DIRECTION FOR USE

The recommended dosage has a range of 0.12-0.15 ml/L of final product (w/w). Exact dosage depends on the nature of the product for which it is intended. Please contact us for specific information.

COMPOSITION

Cultured sugarcane (w/w)	100%
Of which	
-L-Lactic acid (w/w)	≥ 80%
-Malonic acid (w/w)	≤1.0%
-Acetic acid (w/w)	≤0.5%
-Isovaleric acid (w/w)	≤0.02%
-Butyric acid (w/w)	≤0.02%

*The exact percentage variations may occur from batch to batch.

HEAVY METALS

Total heavy metals (mg/kg)	≤5
Lead (mg/kg)	≤0.5
Mercury (mg/kg)	≤1

MICROBIOLOGICAL SPECIFICATIONS

Total aerobic bacteria (/g)	≤20
Yeast and molds (/g)	≤10
<i>Escherichia coli</i> (/25g)	Absent
<i>Salmonella</i> (/25g)	Absent

PHYSICAL / CHEMICAL SPECIFICATIONS

Appearance*	Off white to slightly tan / brown liquid
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*Appearance variations may occur from batch to batch.

NUTRITIONAL DATA

Approximate values for Nutrition labelling per 100g.

Contribution to energy level is insignificant at recommended usage levels.

PACKAGING

Fixolor™ AT is available in 1L or 25kg/barrel.

Plastic bottle and pouch materials comply with Regulation (EU) No 10/2011.

STORAGE CONDITIONS

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

Shelf life:
Shelf life is 24 months when stored according to recommendations.

COUNTRY OF ORIGIN

Belgium

ALLERGEN STATUS

Components	Yes/No
● Peanut or its derivatives	No

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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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|---|----|
| ● Tree Nuts, macadamia nuts, pecans, pine nuts, pistachios and walnuts or their derivatives | No |
| ● Sesame or its derivatives | No |
| ● Eggs or its derivatives | No |
| ● Fish or its derivatives | No |
| ● Crustaceans and shellfish or their derivative | No |
| ● Soy or its derivatives | No |
| ● Wheat, triticale or their derivatives | No |
| ● Mustard or its derivatives | No |
| ● Milk or its derivatives (e.g. Lactose) | No |
| ● Sulphites | No |

CERTIFIED STATUS

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

GMO STATUS

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

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

REGULATION STATUS

Fixolor™ AT is naturally occurring organic acid compound, labeled as 'cultured sugarcane', the each composition of which are approved as GRAS by FDA, USA.

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

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