	DOCUMENTO DO SISTEMA DE GESTÃO MANAGEMENT SYSTEM DOCUMENT				
	SPECIFICATION – COLD PRESSED ORANGE OIL				
	Identificação Identification	Departamento Department	Rev. Rev.	Data Date	Pág. Page
	EP.U09.003E	Garantia da Qualidade / Customer Service	001	27/10/2017	1/3

1 DESCRIPTION

The product is obtained through physical process by cold pressing during the orange juice processing, 100% fresh, ripe and healthy oranges (*Citrus sinensis*). The oil sacs located inside the fruit peel are ruptured during pressing, this oil is carried with water compounding an emulsion. The oil of this emulsion is separated by centrifugation and cooled for removing wax.

The orange essential oil is used as flavouring preparation in food, pharmaceutical products, cosmetics, chemical industries, and others. It is considered as intermediate product, and can not be sold to final consumers.

This product contains more than 93% D-limonene.

Product code: CPOO.

2 CHARACTERISTICS


2.1 Organoleptic

ANALYSIS	PARAMETERS
Aspect	Clear liquid
Color	Yellow to orange
Odor	Citric

2.2 Physical-Chemical

ANALYSIS	PARAMETERS		REFERENCE METHOD
	MINIMUM	MAXIMUM	
Aldehyde, (% as decanal)	1,00	-	Florida Citrus Oils
Especific gravity 20/20 °C (g/cm ³)	0,8430	0,8480	Florida Citrus Oils
Refractive index n_D 20 °C	1,4710	1,4750	Florida Citrus Oils
Peroxide index (mEq/kg)	-	15,00	Florida Citrus Oils

HENDRICKSON, R. & R.J. BRADDOCK, R. J.; KESTERSON, J. W. **Florida Citrus Oils. Bulletin 749**. Published by Agricultural Experiment Stations University of Florida, 1971, 180 pages.

	DOCUMENTO DO SISTEMA DE GESTÃO <i>MANAGEMENT SYSTEM DOCUMENT</i>				
	SPECIFICATION – COLD PRESSED ORANGE OIL				
	Identificação <i>Identification</i>	Departamento <i>Department</i>	Rev. <i>Rev.</i>	Data <i>Date</i>	Pág. <i>Page</i>
	EP.U09.003E	Garantia da Qualidade / Customer Service	001	27/10/2017	2/3

3 PACKAGING

The product is packaged in closed top steel drums of 200 L capacity and net weight of 173,0 kg +/- 2,0 kg.


4 LABELLING

The following information are described on the labels:

- a) Trademark;
- b) Company Name of Producer or Manufacturer;
- c) Address of Producer or Manufacturer;
- d) The expression: Brazilian Industry;
- e) Batch Identification;
- f) Product Name and Code;
- g) Analytical Information;
- h) Content, expressed in kilograms;
- i) Package Number;
- j) Information about Additives;
- k) Production Date and Shelf-Life;
- l) Storage Temperature;
- m) Ingredients;
- n) Origin.

5 STORAGE CONDITIONS

The product should be stored at room temperature (25 °C) in area covered and protected from sunlight.

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	SPECIFICATION – COLD PRESSED ORANGE OIL				
	Identificação Identification	Departamento Department	Rev. Rev.	Data Date	Pág. Page
	EP.U09.003E	Garantia da Qualidade / Customer Service	001	27/10/2017	3/3

6 TRANSPORT

The product is transported on covered trucks and/or non-refrigerated containers according to standards related to chemicals transport.

7 SHELF LIFE

The shelf life of the product is 18 months from the date of manufacture, stored under the storage conditions described in item 5.

Elaborado por: Elaborated by: CINTIA HARUMI OKATA KOBAYASHI	Revisado por: Reviewed by: NATALIA COVRE DE MELO SANTOS, PAULO SERGIO FERNANDES, VANDERLEI GUILHERME	Aprovado por: Approved by: LUCIA HELENA ALTOE
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