

# Product Specification

## HEALTH AND PERSONAL CARE

Revision: 3.0.  
Date: July, 2017.

### PRODUCT DESCRIPTION

<b>PRODUCT</b>	<b>RAIN FOREST 03110</b>
<b>DESCRIPTION</b>	<b>REFINED ANDIROBA OIL</b>
<b>INCI NAME (PCPC)</b>	<i>CARAPA GUAIANENSIS SEED OIL, TOCOPHEROL</i>
<b>INCI NAME (COSING)</b>	<i>CARAPA GUAIANENSIS SEED OIL, TOCOPHEROL</i>
<b>CAS NUMBER</b>	352458-32-3, 59-02-9, 16698-35-4, 54-28-4, 119-13-1
<b>EINECS NUMBER</b>	-----, 200-412-2, 240-747-1, 200-201-5, 204-299-0
<b>CODE</b>	BR03110B
<b>RELATED CODES</b>	BR03110BA00, BR03110BB46, BR03110BD19, BR03110BX15, BR03110BX18, BR03110BX36, BR03110BX45
<b>PREVIOUS CODE</b>	RF3110
<b>SHELF-LIFE</b>	18 MONTHS

### DATA SHEET

### PHYSICAL AND CHEMICAL PROPERTIES

ANALYSIS	UNITS	SPECIFICATIONS
Appearance (above 25°C)	Visual	Viscous liquid with characteristic precipitated fraction
Appearance (below 25°C)	Visual	Waxy
Color	Visual	Light yellow to light brown
Odor	-	Characteristic
Acid value (as oleic acid)	%	≤ 2.0
Peroxide value	meqO <sub>2</sub> /Kg	≤ 10.0
Iodine value	gI <sub>2</sub> /100g	40 – 100
Saponification value	mgKOH/g	150 – 210

### FATTY ACID COMPOSITION

Palmitic acid (C16:0)	%	20.0 – 35.0
Stearic acid (C18:0)	%	5.0 – 12.0
Oleic acid (C18:1)	%	35.0 – 60.0
Linoleic acid (C18:2)	%	5.0 – 20.0

### MICROBIOLOGICAL ANALYSIS

Total bacteria h. m.	cfu/g	< 100
Fungus and yeasts	cfu/g	< 100

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### STORAGE INFORMATION

- **Conditions** → Dry, cool, airy place, away from light and heat and other sources in an environment with constant temperature not exceeding 25°C
- **Container** → Nitrogen blanketed

### IMPORTANT OBSERVATIONS

- Considering that is a natural product, if the storage guidelines are not met, the physicochemical characteristics may vary, reducing their shelf life.
- After opening the product to be consumed as soon as possible. Contact with oxygen generates an oxidative process by decreasing the shelf life of the product.
- Due to the particularity of each oil, it is not possible to establish an oxidative parameter for the period of exposure.
- Natural oil substances and waxes could settle during storage and develop a slight sedimentation at the bottom of the container. Please have this in mind when emptying the container.
- The above information has been developed with the methods and practices set out in AOCS (American Oil Chemists' Society).