	QUALITY SYSTEM SUCORRICO				
	SPECIFICATION – D’LIMONENE				
	SQS	Dept.	Revision	Date	Page
	EP. 03.004	Quality Control	02	27/06/2017	1/2

1. DESCRIPTION

Product has been obtained from the residue of the cold pressed orange oil extraction, called “yellow water”, by distillation. This product contains more than 93% of pure D- Limonene.

2. COMPOSITION

This product contains more than 93% of D-Limonene.

3. UTILIZATION

Product utilized like fragrance in chemical industry, between other. The product is an intermediary product and therefore it shall not be sold to final consumers.


4. CHARACTERISTICS

Parameters	Min.	Max.	Reference
Aldehyde, (% as decanal).	0,40	-	Florida Citrus Oils – Bulletin 749. (Technical) - December, 1971
Especific gravity 20/20°C (g/cm ³)	0,8400	0,8440	Florida Citrus Oils – Bulletin 749. (Technical) - December, 1971
Refractive index η_D (20°C)	1,4700	1,4740	Florida Citrus Oils – Bulletin 749. (Technical) - December, 1971
Peroxide index (mEq/kg)	-	15	Florida Citrus Oils – Bulletin 749. (Technical) - December, 1971

4.2. Visual Inspection

- Color: Colourless, yellow or light yellow;
- Aspect: Limpid.

Elaborated by: Cíntia H. O Kobayashi	Approved by: Lúcia Helena Altoé
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 Sucorrico	QUALITY SYSTEM SUCORRICO				
	SPECIFICATION – D’LIMONENE				
	SQS	Dept.	Revision	Date	Page
	EP. 03.004	Quality Control	02	27/06/2017	2/2

5. PACKING

Steel drums of 173 kg (net weight) with a specially designed coating.

5.1 Packing Identification

The following information is described in the label:

- Industry identification;
- Product identification;
- Batch number;
- Net weight.
- Aldehyde specification.

6. STORAGE

D’Limonene must be stored at room temperature, away from light and heat, in fully sealed drums.

7. VALIDITY

D’Limonene is valid for 18 months after production.

8. TRANSPORTATION

Product shall be transported in containers without refrigeration.

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