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<https://collectchem.com/>**CERTIFICATE OF ANALYSIS**

Edited on: 24/10/2023

HUILE DE MARACUJA ARRIVAGE

INCI Name : PASSIFLORA EDULIS SEED OIL	Batch num.: 2333300834	Expiry date 03/05/2025
Code: 8000363		

PHYSICO-CHEMICAL Technical Reference: C21-0617/07

TESTS	SPECIFICATIONS	RESULTS
CHARACTERISTICS	Yellow fluid oil at ambient temperature, with a characteristic odour, able to present a slight trouble or deposit	Yellow fluid oil at ambient temperature, with a characteristic odour, able to present a slight trouble or deposit
TEST		
Acid value	<= 5.0 mg of KOH/g	15.4 mg of KOH/g
Peroxide value	<= 2.0 meq of O2/Kg	1.2 meq of O2/Kg
Fatty acids composition by GC		
- palmitic acid (C16)	5.0 - 15.0 %	10.4 %
- palmitoleic acid (C16')	<= 1.0 %	0.2 %
- stearic acid (C18)	<= 5.0 %	3.0 %
- oleic acid (C18')	10.0 - 20.0 %	16.2 %
- linoleic acid (C18'')	60.0 - 80.0 %	68.5 %
- linolenic acid (C18''')	<= 1.0 %	0.4 %
- arachidic acid (C20)	<= 1.0 %	0.2 %
- gadoleic acid (C20')	<= 1.0 %	0.1 %
- behenic acid (C22)	<= 1.0 %	0.1 %
- lignoceric acid (C24)	<= 1.0 %	0.1 %
ASSAY BY HPLC		
Tocopherols content	>= 5 mg/100 g	9 mg/100 g
Tocotrienols content	>= 40 mg/100 g	64 mg/100 g
ASSAY		
Unsaponifiable content	0.5 - 1.5 g/100 g	1.0 g/100 g

MICROBIOLOGICAL Technical Reference: B21-0617/03

TESTS	SPECIFICATIONS	RESULTS
MICROBIAL CONTAMINATION		
- Total aerobic microbial count	< 100 CFU/g	<100 CFU/g
- Yeasts and moulds	< 100 CFU/g	<100 CFU/g

Analytical decision: Non Compliant**Batch status: Refused**

Date: 24/08/2023

Observations

Maracuja oil should be stored between 15°C and 25 °C , under nitrogen, in well filled, airtight container, protected from light and heat.

ANQ-23-0328