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Certificate of Analysis Sheet Organic Turmeric Essential Oil (*Curcuma longa*)

Date : 07/2021
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Batch Number : 221021-4
Origin : Madagascar

1. IDENTIFICATION DE LA SUBSTANCE / IDENTIFICATION OF THE SUBSTANCE

Nom du produit / Product name: Huile essentielle de CURCUMA BIO / Essential oil of ORGANIC TURMERIC
Législation : Substance 100% pure et naturelle / Matter 100% pure and natural
Nom latin/Latin name Curcuma Longa

2. CARACTERISTIQUES ORGANOLEPTIQUES ET PHYSIQUES/PHYSICAL AND ORGANOLEPTIC CHARACTERISTICS

CRITÈRES / CRITERIA	RESULTAT / RESULT	SPECIFICATIONS	CONFORMITÉ / CONFORMITY
Aspect / Appearance	LIQUIDE / LIQUID	LIQUIDE / LIQUID	Conforme / Compliant
Couleur / Color	JAUNE PALE / PALE YELLOW	JAUNE PALE / PALE YELLOW	Conforme / Compliant
Odeur / Odor	CITRONNEE, RICHE, FRAICHE / LEMONY, RICH, FRESH	CITRONNEE, RICHE, FRAICHE / LEMONY, RICH, FRESH	Conforme / Compliant

CRITÈRES / CRITERIA	RESULTAT / RESULT	SPECIFICATIONS	CONFORMITÉ / CONFORMITY
Densité à 20°C / Density at 20°C	0.930	0.914-0.942	Conforme / Compliant
Pouvoir Rotatoire	-27.3°	-30 ° à +5°	Conforme / Compliant
Indice de réfraction		1.505 – 1.512	Conforme / Compliant

CONSTITUANTS / CONSTITUENTS	%
b-myrcene	4.50
Limonene	0.20
Terpinolene	0.60
Alpha-terpineol	0.20
Ar-curcumene	3.40
Beta citronellol	1.20
Ar turmerone	38.10
Turmerone I	16.70
Turmerone II	11.20
Alpha pinene	0.14
Beta pinene	0.02
Alpha terpinene	0.07
1.8 cineole	0.94
Gamma terpinene	0.16
Para cymene	0.31
Beta elemene	0.06
Beta caryophyllene	0.69
Alpha humulene	0.11
Neral	0.20
Alpha zingiberen	4.50
Geranial	0.62
Delta cadinene	0.07
Acetate de geranyle	0.22
Geraniol	0.16
Oxide de caryophyllene	0.04
Elemol	0.45
Acetate de cinnamyle	0.03
Eugenol	0.96

RESULTATS OBTENUS PAR LE BAVORATOIRE DE NOTRE PRODUCTEUR /
RESULTS OBTAINED BY OUR LAB PRODUCER