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Certificate of Analysis & Gas Chromatography **Organic Blue Tansy Essential Oil** *(Tanacetum annuum)*

Batch Number : 011020-4

Origin : Morocco

1. IDENTIFICATION DE LA SUBSTANCE / IDENTIFICATION OF THE SUBSTANCE

Nom du produit / Product's name:

Huile essentielle de CAMOMILLE BLEUE BIO Maroc / Essential oil of ORGANIC BLUE CHAMOMILLA Morocco

Législation :

Substance 100% pure et naturelle / Matter 100% pure and natural

2. CARACTERISTIQUES ORGANOLEPTIQUES ET PHYSIQUES / PHYSICAL AND ORGANOLEPTIC CHARACTERISTICS

CRITÈRES / CRITERIA	RESULTATS / RESULTS	SPECIFICATIONS
Densité à 20°C / Density at 20°C	0.9019	0.880-0.912
Indice de réfraction à 20 °C /	1.49091	
Pouvoir rotatoire à 20 °C / Optical rotation at 20°C	Non détectable	N.D

3. ANALYSES CHROMATOGRAPHIQUES / MICROBIOLOGICAL CHARACTERISTIC

COMPOSES / CONSTITUENTS	%
PENTANOATE D'ETHYLE	0.215
ALPHA-THUYENE	0.288
ALPHA-PINENE	3.867
2-METHYL-BUTYRATE DE PROPYLE	0.158
CAMPHENE	1.347
SABINENE	16.123
BETA-PINENE	8.146
MYRCENE	8.641
ALPHA-PHELLANDRENE	7.022
ALPHA-TERPINENE	0.674
PARA-CYMENE	5.158

LIMONENE	2.364
BETA-PHELLANDRENE	0.353
EUCALYPTOL	0.294
ARTEMISIA-CETONE	1.142
TERPINOLENE	0.410
6,7-EPOXYMYRCENE	0.430
2-METHYLBUTYRATE DE 2 METHYL BUTYLE	0.309
4-ACETYL-1-METHYL-CYCLOHEXENE	0.483
CAMPHE	16.37
BORNEOL	2.395
TERPINENE-4-OL	2.049
ALPHA-TERPINEOL	0.224
THYMOL	0.756
BETA-ELEMENE	0.286
BETA-CARYOPHYLLENE	1.075
SESQUISABINENE	0.851
GERMACRENE D	0.869
ALPHA-SELINENE	0.162
VIRIDIFLORENE	0.248
BICYCLOGERMACRENE	0.229
3,6-DEHYDRO-CHAMAZULENE	2.944
BETA SESQUIPELLANDRENE	0.422
OXYDE DE CARYOPHYLLENE	0.268
BETA EUDESMOL	0.316
CHAMAZULENE	5.498
TOTAL	=

LES ANALYSES DONT LES RÉSULTATS SONT PRÉSENTÉS SUR CE DOCUMENT ONT ÉTÉ EFFECTUÉES PAR LE LABORATOIRE DE NOTRE FOURNISSEUR

THE ANALYZES OF WHICH THE RESULTS ARE PRESENTED IN THIS DOCUMENT WERE CARRIED OUT BY THE LABORATORY OF OUR SUPPLIER