




CERTIFICATE OF ANALYSIS

Product Name : Ylang Ylang Oil	Botanical name: <i>Cananga Odorata</i>
Sample Name : Ylang Ylang Oil	Origin: India
Company Name : Navnetri Gamika Pvt. Ltd., Gurgaon	Batch Number: NG/YY/22-23_001
Temp. : 20°C	Manufacturing/Distillation Method : Steam Distillation
Date : 05 November 2021	Part Used: Flowers of Cananga Odorata
Lab Operator : Ms. Sanju Tyagi	Manufacturing Date : November 2021
	Expiry Date : November 2024
	Storage : Dark and Cool Place in Glass or Aluminum container

S.No.	Parameters	Unit	Result
1	Colour	-	Pale yellow to dark yellow
2	Appearance	-	Clear liquid
3	Odour	-	Mild floral Characteristic
4	Flash-point °C :	-	78°C
5	Relative Density (20°C)	-	0.910 - 0.975
6	Specific Gravity (20°C)	-	0.906 - 0.925
7	Optical Rotation (20°C)	-	(-) 50° - (-) 20°
8	CAS Number	-	8006-81-3
9	INCI Name	-	Cananga odorata Flower Oil

CHROMATOGRAPHICAL PROPERTIES

S.No.	Parameters	R.T	AREA
1	Toluene	8.592	0.15
2	Prenyl acetate	13.197	0.38
3	alpha.-Pinene	14.124	0.26
4	p-Methylanisole	17.773	10.57
5	Eucalyptol	18.396	0.78
6	Benzoic acid, methyl ester	21.293	6.64
7	Linalyl acetate	21.485	15.33
8	Acetic acid, phenylmethyl ester	24.464	4.69
9	Acetic acid, 2-methylphenyl ester	24.627	0.16
10	α-Terpineol	25.915	0.29
11	Estragole	26.178	0.46
12	Geraniol	28.643	2.56
13	Eugenol	33.504	0.99
14	Geranyl acetate	34.466	10.02
15	Copaene	34.746	0.52
16	Aromandendrene	35.329	0.6

17	β -Caryophyllen	36.862	8.97
18	Cinnamyl acetate	37.171	1.25
19	Humulene	38.255	2.94
20	gamma.-Muurolele	39.047	0.39
21	α -Cadinene	39.164	0.31
22	(-)-Germacrene D	39.455	14.86
23	alpha.-Farnesene	39.84	3.05
24	Ylangene	40.027	1.44
25	γ -Cadinene	40.592	0.31
26	δ -Cadinene	40.86	1.4
27	T-Cadinol	45.605	0.55
28	δ -Cadinol	45.715	0.2
29	.alpha.-Cadinol	46.106	0.74
30	trans-Farensol	48.129	1.37
31	Benzyl Benzoate	50.064	6.6
32	Farnesyl butanoate	52.244	0.68
33	Benzyl salicylate	53.73	0.54
<p>* Maximum concentration determined by the best of our knowledge based on analytical control by Gas Chromatography (DB-WAX Capillary column L 20 m, d 100 μm x 0,2 μm, Polar stationary phase, T°C oven 60°C at 248°C with 12°C / mn, T°C injector 275°C, T°C detector 275°C, Detector FID, Split injection 0,2 μl, Carrier gas Hydrogen - 0,7 ml/mn)</p>			
<p>DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.</p>			
05-11-2021	Navnetri Gamika Pvt. Ltd, Q-114A, N.P.V.-2, GGN-HR		
 <p>For NAVNETRI GAMIKA PVT. LTD. Authorized Signature</p>			
NG/YY/21-22	End of document		