




CERTIFICATE OF ANALYSIS

Product Name : Cypress Wood Oil	Botanical name: <i>Cupressus torulosa</i>
Sample Name : Cypress Wood Oil	Origin: India
Company Name : Navnetri Gamika Pvt. Ltd., Gurgaon	Batch Number: NG/CY/22-23_001
Temp. : 20°C	Manufacturing/Distillation Method : Steam Distillation
Date : 20 April 2022	Part Used: Bark and Branches of Cupressus torulosa
Lab Operator : Ms. Sanju Tyagi	Manufacturing Date : April 2022
	Expiry Date : April 2027
	Storage : Dark and Cool Place in Glass or Aluminum container

S.No.	Parameters	Unit	Result
1	Colour	-	Colorless- pale yellow
2	Appearance	-	Mobile Liquid
3	Odour	-	Characteristic Ethereal, Wild, Fresh
4	Flash-point °C :	-	> 74 °C
5	Relative Density (20°C)	-	0.863 - 0.885
6	Specific Gravity (20°C)	-	0.870 - 0.891
7	Optical Rotation (20°C)	-	(+ 15°) to (+30°)
8	CAS Number	-	8013-86-3
9	INCI Name	-	Cupressus torulosa Wood Oil

CHROMATOGRAPHICAL PROPERTIES

S.No.	Parameters	R.T	AREA
1	Di-epi- α -cedrene-(I)	2120.4	0.39
2	cis-Thujopsene	2158.2	0.95
3	γ -Muurolene	2201.5	11.67
4	γ -Muurolene	2221.1	3.81
5	cis-Thujopsene	2255.8	32.05
6	Aromandendrene	2313.5	0.55
7	Oxacyclotetradeca-4,11-diyne	2322.2	1.08
8	isolekene	2335.5	1.2
9	β -Chamigrene	2356.8	1.3
10	δ -Eiemene	2387.9	0.39
11	α -Himachalene	2399.8	0.78
12	α -Himachalene	2406.8	2.34
13	Cuparene	2419.8	6.24
14	α -Alaskene	2428.5	2.56
15	β -Sesquiphellandrene	2437.6	0.5
16	.(E)- γ -Bisabolene	2457.2	0.5

17	β -Himachalene	2477.5	1.32
18	δ -Cuprenene	2512.1	0.7
19	Cedrol	2626.1	0.65
20	Cedrol	2668.1	28.18
21	Cedrol	2687	0.41
22	.beta.-Acorenol	2706.5	0.58
23	.alpha.-Bisabolol	2803.4	1.23
24	Kaur-16-ene	3631.4	0.62
<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>			
20-04-2022		Navnetri Gamika Pvt. Ltd, Q-114A, N.P.V.-2, GGN-HR	
 <p>For NAVNETRI GAMIKA PVT. LTD. Authorized Signature</p>			
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