



SHIVA EXPORTS INDIA

GC-MS ANALYSIS REPORT –

Sandalwood Oil East Indian

Library Search Report

Data Path : D:\MassHunter\GCMS\1\data\

Data File : Sandalwood Oil.D

Operator : Ankur Tandon, SHIVA

Sample : Sandalwood Oil Mysore

Misc :

ALS Vial : 5 Sample Multiplier: 1

Search Libraries: C:\Database\NIST11.L Minimum Quality: 0

Unknown Spectrum: Apex minus start of peak

Integration Events: RTE Integrator - rteint.p

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
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1	33.513	0.15	C:\Database\NIST11.L			
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			Cyclohexene, 1-methyl-5-(1-methyle	15881	001461-27-4	52
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			thenyl)-, (R)-			
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			Bicyclo[3.1.0]hexan-2-ol, 2-methyl	26997	017699-16-0	50
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			-5-(1-methylethyl)-, (1.alpha.,2.a			
--	--	--	------------------------------------	--	--	--

			lpha.,5.alpha.)-			
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			.beta.-Ocimene	15698	013877-91-3	47
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Sandalwood Oil East Indian

2 37.135 1.08 C:\Database\NIST11.L

Tricyclo[2.2.1.0(2,6)]heptane, 1,7 64472 000512-61-8 99

-dimethyl-7-(4-methyl-3-pentenyl)-

, (-)-

Tricyclo[2.2.1.0(2,6)]heptane, 1,7 64470 000512-61-8 98

-dimethyl-7-(4-methyl-3-pentenyl)-

, (-)-

Tricyclo[2.2.1.0(2,6)]heptane, 1,7 64471 000512-61-8 96

-dimethyl-7-(4-methyl-3-pentenyl)-

, (-)-

3 37.816 0.30 C:\Database\NIST11.L

Bicyclo[3.1.1]hept-2-ene, 2,6-dime 64435 017699-05-7 90

thyl-6-(4-methyl-3-pentenyl)-

1,3,6,10-Dodecatetraene, 3,7,11-tr 64402 026560-14-5 87

imethyl-, (Z,E)-

1,3,6,10-Dodecatetraene, 3,7,11-tr 64401 026560-14-5 70

imethyl-, (Z,E)-

4 38.291 1.19 C:\Database\NIST11.L

Bicyclo[2.2.1]heptane, 2-methyl-3- 64493 000511-59-1 95

methylene-2-(4-methyl-3-pentenyl)-

, (1S-exo)-

Bicyclo[2.2.1]heptane, 2-methyl-3- 64494 025532-78-9 95



SHIVA EXPORTS INDIA

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Sandalwood Oil East Indian

methylene-2-(4-methyl-3-pentenyl)-

, (1S-endo)-

Bicyclo[2.2.1]heptane, 2-methyl-3- 64492 000511-59-1 94

methylene-2-(4-methyl-3-pentenyl)-

, (1S-exo)-

5 38.829 1.77 C:\Database\NIST11.L

Bicyclo[2.2.1]heptane, 2-methyl-3- 64493 000511-59-1 96

methylene-2-(4-methyl-3-pentenyl)-

, (1S-exo)-

Bicyclo[2.2.1]heptane, 2-methyl-3- 64490 000511-59-1 70

methylene-2-(4-methyl-3-pentenyl)-

, (1S-exo)-

Bicyclo[2.2.1]hept-2-ene, 2,3-dime 10059 000529-16-8 64

thyl-

6 39.035 0.11 C:\Database\NIST11.L

Glutaric acid, di(1-phenylpropyl) 195647 1000358-96-3 43

ester

Pyridine, 4-ethyl-2,6-dimethyl- 15633 036917-36-9 38

2H-Imidazo[4,5-b]pyridin-2-one, 1, 15442 016328-62-4 35

3-dihydro-

7 39.647 0.10 C:\Database\NIST11.L



SHIVA EXPORTS INDIA

GC-MS ANALYSIS REPORT –

Sandalwood Oil East Indian

.beta.-curcumene	64308 1000374-17-4 95
Di-epi-.alpha.-cedrene-(I)	64379 021996-77-0 81
Benzene, 4-ethyl-1,2-dimethyl-	14875 000934-80-5 46

8 39.778 0.21 C:\Database\NIST11.L

Benzene, 1-(1,5-dimethyl-4-hexenyl 62806 000644-30-4 95

)-4-methyl-

Benzene, 1-(1,5-dimethyl-4-hexenyl 62807 000644-30-4 89

)-4-methyl-

Benzene, 1-methyl-4-(1,2,2-trimeth 62813 016982-00-6 52

ylcyclopentyl)-, (R)-

9 40.848 0.06 C:\Database\NIST11.L

Bicyclo[2.2.1]hept-2-ene, 1,7,7-tr 15839 000464-17-5 64

imethyl-

Pyridine, 4-propyl- 9566 001122-81-2 53

Tricyclo[7.3.0.0(2,6)]dodecane, tr 33796 030159-17-2 47

ans-anti-trans-

10 40.963 0.22 C:\Database\NIST11.L

.beta.-curcumene 64308 1000374-17-4 76

Copaene 64251 003856-25-5 55

Di-epi-.alpha.-cedrene 64362 050894-66-1 55



SHIVA EXPORTS INDIA

GC-MS ANALYSIS REPORT –

Sandalwood Oil East Indian

11 41.220 0.19 C:\Database\NIST11.L

1-(4-Chloro-phenyl)-3-(2-pyridin-2 168277 1000301-18-1 64

-yl-ethylamino)-pyrrolidine-2,5-di

one

1,3-Cyclohexadiene, 1-methyl-4-(1- 15878 000099-86-5 64

methylethyl)-

Formamide, N-phenyl- 9528 000103-70-8 64

12 42.130 0.26 C:\Database\NIST11.L

Benzenemethanol, 4-methyl-.alpha.- 42574 083173-76-6 58

(1-methyl-2-propenyl)-, (R*,R*)-

Formamide, N-phenyl- 9529 000103-70-8 53

Formamide, N-phenyl- 9528 000103-70-8 53

13 42.622 0.09 C:\Database\NIST11.L

Tricyclo[3.2.2.0]nonane-2-carboxyl 133700 1000254-51-6 64

ic acid, 4-nitrophenyl ester

2-Propenoic acid, 2-hydroxypyrazin 56907 143814-21-5 47

yl-, ethyl ester

Pyridine, 2,3,6-trimethyl- 9599 001462-84-6 43

14 46.399 1.01 C:\Database\NIST11.L

Cyclohexane, 1-ethenyl-3-methylene 30957 061142-28-7 87

-5-(1-propenyldiene)-



SHIVA EXPORTS INDIA

GC-MS ANALYSIS REPORT –

Sandalwood Oil East Indian

Cycloheptanone, 4-phenyl- 51706 067688-28-2 58

2-Benzylcyclohexanone 51695 000946-33-8 49

15 46.754 0.13 C:\Database\NIST11.L

Cyclohexane, 1-ethenyl-1-methyl-2- 64474 003242-08-8 89

(1-methylethenyl)-4-(1-methylethyl

idene)-

Bicyclo[2.2.1]heptane, 2,2-dimethyl- 15905 005794-04-7 41

l-3-methylene-, (1S)-

1-Oxa-3-isopropyl-6-methyl-9-isopr 90784 117141-65-8 41

openyl-spiro(4,4)nonan-2-one

16 46.857 0.11 C:\Database\NIST11.L

1,3,6-Heptatriene, 2,5,5-trimethyl 15801 029548-02-5 60

1,3,6,10-Dodecatetraene, 3,7,11-tr 64401 026560-14-5 60

imethyl-, (Z,E)-

Camphene 15676 000079-92-5 53

17 47.023 0.95 C:\Database\NIST11.L

Tricyclo[2.2.1.0(2,6)]heptane, 1,7 64471 000512-61-8 42

-dimethyl-7-(4-methyl-3-pentenyl)-

, (-)-

.beta.-Santalol 77510 000077-42-9 38

Hexahydroindole 10214 018159-32-5 30



SHIVA EXPORTS INDIA

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Sandalwood Oil East Indian

18 47.343 56.09 C:\Database\NIST11.L

Santalol, cis,.alpha.- 77542 019903-72-1 96

.alpha.-Santalol 77518 000115-71-9 95

.beta.-Santalol 77510 000077-42-9 95

19 47.663 0.37 C:\Database\NIST11.L

2-Oxatricyclo[3.3.1.1(3,7)]decane, 25254 006508-22-1 47

1-methyl-

Benzenemethanol, 3-amino- 10172 001877-77-6 27

Succinic acid, cyclohex-2-enylmeth 141086 1000330-18-4 22

yl isohexyl ester

20 47.835 5.24 C:\Database\NIST11.L

Bergamotol, Z-.alpha.-trans- 77567 088034-74-6 91

trans-.alpha.-Bergamotene 64374 013474-59-4 68

Bicyclo[3.1.1]hept-2-ene, 2,6-dime 64434 017699-05-7 53

thyl-6-(4-methyl-3-pentenyl)-

21 48.258 4.11 C:\Database\NIST11.L

Santalol, E-cis,epi-.beta.- 77562 014490-17-6 90

.beta.-Santanol acetate 112526 1000132-29-4 64

.alpha.-Santalol 77515 000115-71-9 55



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22 48.487 0.19 C:\Database\NIST11.L

trans-.alpha.-Bergamotene 64374 013474-59-4 50

Tricyclo[5.4.0.0(2,8)]undec-9-ene, 64464 005989-08-2 46

2,6,6,9-tetramethyl-, (1R,2S,7R,8

R)-

1,3,6,10-Dodecatetraene, 3,7,11-tr 64403 026560-14-5 43

imethyl-, (Z,E)-

23 48.796 22.91 C:\Database\NIST11.L

.alpha.-Santalol 77519 000115-71-9 94

Santalol, E-cis, epi-.beta.- 77562 014490-17-6 93

Bicyclo[2.2.1]heptane, 2-methyl-3- 64492 000511-59-1 53

methylene-2-(4-methyl-3-pentenyl)-

, (1S-exo)-

24 49.031 0.58 C:\Database\NIST11.L

o-Cymene 14810 000527-84-4 64

p-Cymene 14809 000099-87-6 64

o-Cymene 14811 000527-84-4 64

25 49.494 0.73 C:\Database\NIST11.L

Santalol, cis,.alpha.- 77542 019903-72-1 55

.alpha.-Santalol 77518 000115-71-9 53

.beta.-Santalol 77510 000077-42-9 53



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26 49.586 0.58 C:\Database\NIST11.L

Biphenylene, 1,2,3,6,7,8,8a,8b-oct 51798 106988-87-8 35

ahydro-4,5-dimethyl-

Cyclohexane, 1-ethenyl-3-methylene 30957 061142-28-7 14

-5-(1-propenylidene)-

2,6-Dimethyl-4-nitro-3-phenyl-cycl 99733 101328-12-5 12

ohexanone

27 50.296 1.14 C:\Database\NIST11.L

1,3,6,10-Dodecatetraene, 3,7,11-tr 64402 026560-14-5 46

imethyl-, (Z,E)-

3a,6-Methano-3aH-indene, 2,3,4,5,6 14935 098640-10-9 38

,7-hexahydro-

.beta.-curcumene 64308 1000374-17-4 35

28 51.417 0.15 C:\Database\NIST11.L

Methyl 6,9,12,15,18-heneicosapenta 169504 1000336-49-2 49

enoate

Benzene, 1-(1,5-dimethyl-4-hexenyl 62806 000644-30-4 41

)-4-methyl-

Benzene, 1-ethyl-2,4-dimethyl- 14881 000874-41-9 30