

Article

Impact of Three Natural Oily Extracts as Pulp Additives on the Mechanical, Optical, and Antifungal Properties of Paper Sheets Made from *Eucalyptus camaldulensis* and *Meryta sinclairii* Wood Branches

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Table S1. Chemical composition of HeOE from *S. alba* seeds.

Compound	Percentage in Oil (%)	SI	RSI
Geranyl vinyl ether	1.75	739	763
<i>cis</i> -9,10-Epoxy-octadecanoic acid	4.56	765	781
Palmitelaidic acid	7.42	780	792
Z-(13,14-epoxy)tetradec-11-en-1-ol acetate	1.42	776	796
Oleic acid	12.35	827	830
7-Methyl-Z-tetradecen-1-ol acetate	0.76	788	812
Linolenic acid	8.94	684	857
Linoleic acid	4.06	700	785
2'-Hexyl-1,1'-bicyclopropane-2-octanoic acid methyl ester	3.61	791	839
2-Methylene-5 α -cholestan-3 β -ol	3.76	790	837
β -Sitosterol	5.56	686	811
<i>cis</i> -9,10-Epoxy-stearic acid	5.37	779	808
Campesterol	7.72	666	672
Palmitic acid	7.07	710	780
Eicosadienoic acid	9.66	706	781
α -Tocopherol	8.30	700	734
Arachidic acid	1.74	870	900
Erucic acid	4.90	666	892

SI, standard index; RSI, reverse standard index.

Table S2. Chemical composition of HeOE from *M. grandiflora* leaves.

Compound	Percentage in Oil (%)	SI	RSI
Undecane	5.37	928	951
(Z)-9-Octadecenoic acid	1.69	759	759
2-Methyl-undecane	1.64	805	835
Tetradecyl-oxirane	2.22	774	836
(Z)-10-Pentadecen-1-ol	0.82	749	792
Oleic acid	7.22	926	932
2-Methyldecalin	1.25	823	872
17-Octadecynoic acid	0.55	763	763
5-Nonadecen-1-ol	0.87	782	798
1-Tetradecanol	1.57	783	786
2-Methyl-dodecane	1.22	774	810
2-[12-(Oxiran-2-yl)dodecyl]oxirane	0.73	747	751
β -Elemene	1.07	859	880
(1-Butylhexyl)benzene	2.74	893	909
(1-Propylheptyl)benzene	2.15	896	914
(1-Pentylhexyl)benzene	3.36	876	888
Palmitic acid	7.28	901	910
(1-Propyloctyl)benzene	4.63	918	923
(1-Ethylnonyl)benzene	3.88	905	913
(1-Pentylheptyl)benzene	5.22	905	915
(1-Methyldecyl)-benzene	4.21	904	915
(1-Propylnonyl)benzene	3.86	913	923
(1-Ethyldecyl)benzene	3.30	876	896
Palmitoleic acid	4.66	842	886
Linoleic acid	3.00	868	887
Stearic acid	3.46	901	924
(1-Propyldecyl)benzene	2.20	851	865
Spathulenol	2.66	804	876
(1-Methyldodecyl)benzene	2.04	881	882
Nonacosane	1.03	801	807

SI, standard index; RSI, reverse standard index.

Table S3. Chemical composition of HeOE from *M. azedarach* fruits.

Name	Percentage in Oil (%)	SI	RSI
Hexanal	3.99	678	903
Hexanoic acid	9.72	674	899
1,1'-(1,2-Dimethyl)-cyclohexane	0.78	668	889
<i>E</i> -2-Tetradecen-1-ol	0.47	680	900
Tetradecane	3.43	666	843
Dodecane	5.02	668	669
2,6-Dimethyl-undecane	1.16	861	870
2,4-Decadienal	2.31	668	670
(1-Butylhexyl)- benzene	2.86	864	875
Myristic acid methyl ester	2.21	681	684
(1-Ethylloctyl)-benzene	1.67	873	890
Pulegol	0.34	685	702
Stearic acid methyl ester	2.64	670	686
Oleic acid	10.73	882	806
Palmitic	5.18	850	916
(1-Ethylnonyl)-benzene	3.57	728	750
Hexadecanol	6.61	710	771
Linoleic acid	5.24	707	709
(1-Butylloctyl)-benzene	5.16	783	873
Linolenic	4.08	783	815
(1-Ethyldecyl)-benzene	3.02	893	911
(1-Methylnonadecyl)-benzene	5.66	758	790
(1-Pentylloctyl)-benzene	5.02	789	804
(1-Butylnonyl)-benzene	3.22	787	797
(1-Propyldecyl)-benzene	2.39	783	868
Tetracosanoic acid	1.83	773	878
<i>trans</i> -9-Octadecenoic acid	1.70	771	791

SI, standard index; RSI, reverse standard index.



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