



CERTIFICATE of ANALYSIS (COA)

Sandalwood, Australian - Premium (SKU 905 lot 12)

LATIN NAME	<i>Santalum spicatum</i>
COUNTRY OF ORIGIN	Australia
CULTIVATION METHOD	Wild Grown
TYPE	Essential Oil
EXTRACTION METHOD	Steam Distilled
PLANT PART	Heartwood
USE	Aromatherapy, Natural Perfumery

ANALYZED	January 30, 2021
MANUFACTURED	February 1, 2020
RETEST	February 1, 2030

SPECIFIC GRAVITY @ 20C	0,96
REFRACTIVE INDEX @ 20C	1,51
OPTICAL ROTATION @ 20C	-3,57

PHYSICAL APPEARANCE	Transparent liquid
COLOR	Pale yellow to bright golden
ODOR	Sweet, soft woody
SOLUBILITY	Soluble in alcohol and fixed oils.
SPECIAL USE INSTRUCTIONS	Dilute before use.

COMMENTS	
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COMPONENT	Actual %	CAS
(Z)-alpha-Santalol	25,40%	115-71-9
(E)-Nuciferol	12,01%	39599-18-3
(Z)-beta-Santalol	11,51%	77-42-9
beta-(Z)-Curcumen-12-ol	8,95%	698365-10-5
(Z)-alpha-trans-Bergamotol	5,40%	88034-74-6
2Z,6E-Farnesol	4,61%	3790-71-4
alpha-Bisabolol	3,99%	515-69-5
(Z)-epi-beta-Santalol	2,68%	79081-90-6
alpha-Santalene	2,39%	512-61-8
beta-Santalene	2,13%	511-59-1
E-Nerolidol	2,08%	40716-66-3
Z-Lanceol	1,85%	10067-28-4
beta-Curcumene	1,61%	28976-67-2
Dendrolasin	1,42%	23262-34-2
epi-beta-Santalene	1,41%	25532-78-9
epi-beta-Bisabolol	0,81%	235421-59-7
alpha-trans-Bergamotene	0,77%	13474-59-4

gamma-Curcumene	0,76%	451-55-8
ar-Curcumene	0,69%	644-30-4
(E)-beta-Santalol	0,51%	37172-32-0
Santene	0,33%	529-16-8
(Z)-alpha-trans-Bergamotol acetate	0,30%	87978-33-4
(Z)-alpha-Santalol acetate	0,27%	41414-75-9
beta-Bisabolene	0,21%	495-61-4
beta-Sesquiphellandrene	0,21%	20307-83-9
Sesquicineole	0,16%	90131-02-5
Sesquithujene	0,12%	58319-06-5
Sesquisabinene	0,10%	58319-04-3
alpha-cis-Bergamotene	0,08%	18252-46-5
(Z)-, gamma-Bisabolene	0,07%	13062-00-5
(E)-gamma-Bisabolene	0,03%	53585-13-0
Guaiol	0,03%	489-86-1
Santalone	0,01%	59300-51-5
Total Deleted Low Purity Peaks	0,07%	
Not Identified Peaks	7,04%	

MS Results for SKU 905 lot 12

