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*Balancing Body, Mind and Spirit with Pure Essential Oils*

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## Pink Grapefruit Citrus paradisi

Batch # US-59195

United States

<b>Aldehydes</b>	<b>1.61%</b>	<b>Monoterpenes</b>	<b>93.01%</b>	<b>Sesquiterpenes</b>	<b>1.18%</b>
octanal	0.64	limonene	88.19	$\beta$ caryophyllene	0.36
decanal	0.48	myrcene	2.81	$\alpha$ copaene	0.21
nonanal	0.12	$\alpha$ pinene	0.85	$\beta$ cadinene	0.18
geranial	0.12	sabinene	0.59	$\beta$ cubebene	0.18
citronellal	0.09	$\beta$ pinene	0.22	Germacrene D	0.08
citral	0.05	para-cymene	0.16	$\alpha$ humulene	0.06
dodecanal	0.04	$\gamma$ terpinene	0.1	$\beta$ elemene	0.06
$\beta$ sinensal	0.03	(E) $\beta$ ocimene	0.08	(E) $\beta$ farnesene	0.04
perilla aldehyde	0.03	terpinolene	0.01	$\alpha$ muurolene	0.01
undecanal	0.01			$\beta$ bisabolene	0.01
<b>Ethers</b>	<b>0.51%</b>	<b>Monoterpenols</b>	<b>0.59%</b>	<b>Sesquiterpenols</b>	<b>0.1%</b>
cis-limonene oxide	0.23	linalol	0.15	elemol	0.05
trans-limonene oxide	0.19	$\alpha$ terpineol	0.13	spathulenol	0.04
caryophyllene oxide	0.08	$\gamma$ terpineol	0.07	cubebol	0.01
6,7-epoxymyrcene	0.01	trans-carveol	0.07		
		perillyl alcohol	0.07		
		(E) para-mentha-2,8,dien-1-ol	0.06		
		terpinen-4-ol	0.02	<b>Other</b>	<b>1.61%</b>
<b>Esters</b>	<b>0.27%</b>	trans-sabinene hydrate	0.01	auraptene	1.25
octyl acetate	0.08	(Z) para-mentha-1(7),8-dien-2-ol	0.01	citrusal	0.18
geranyl acetate	0.07			osthole	0.13
$\alpha$ terpinyl acetate	0.03			6,7 dihydrogeraniol	0.03
linalyl acetate	0.05			1-octanol	0.02
citronellyl acetate	0.04				
<b>Ketones</b>	<b>0.36%</b>				
carvone	0.34				
nootkatone	0.02				

Raw Material: Rind

Production Method: Cold Pressed

Data of analysis: 9/2/2021

Client



Source



Organic Pink Grapefruit (*Citrus x paradisi*,  
Pink)  
US-59195

Sample

Organic Pink Grapefruit (*Citrus x paradisi*,  
Batch #:..... US-59195  
Type:..... Essential Oil  
CAS Number:... 8016-20-4  
Nature's Gift

Client



Website

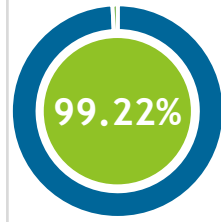
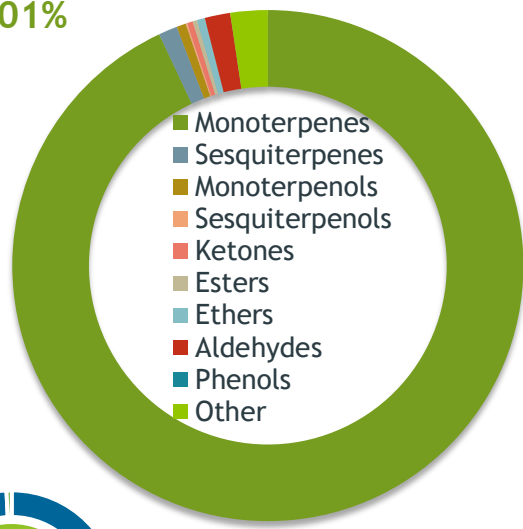


Primary

**88.19%** | Limonene  
**2.81%** | Myrcene  
**1.25%** | Auraptene

Monoterpenes

93.01%



Percentage Identified

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Organic Pink Grapefruit (*Citrus x paradisi*, Pink)

Internal Number: | EVS-4581



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306  
Gainesville, FL 32601

317.361.5044 |  
<https://essentialvalidationservices.com/>

*Alan Christen*

Monoterpenes	93.01%	93.01%
Sesquiterpenes		1.19%
Monoterpenols		0.59%
Sesquiterpenols		0.10%
Ketones		0.36%
Esters		0.27%
Ethers		0.51%
Aldehydes		1.61%
Phenols		0.00%
Other		2.36%

ESSENTIAL VALIDATION SERVICES | 747 SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method  
- This report may not be published without the consent of Essential Validation Services.  
- Chromatograph image may be requested  
- This report is valid for 1 year from the analyzed date

Client



Source



Organic Pink Grapefruit (*Citrus x paradisi*,  
Pink)  
US-59195

Total Percentage		99.22%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.15	0.85%	alpha-Pinene	Monoterpene
2	9.70	0.59%	Sabinene	Monoterpene
3	9.86	0.22%	beta-Pinene	Monoterpene
4	10.45	2.81%	Myrcene	Monoterpene
5	11.03	0.64%	Octanal	Aliphatic Aldehyde
6	11.92	0.16%	para-Cymene	Monoterpene
7	12.25	88.19%	Limonene	Monoterpene
8	12.95	0.08%	(E)-beta-Ocimene	Monoterpene
9	13.41	0.10%	gamma-Terpinene	Monoterpene
10	13.94	0.01%	trans-Sabinene hydrate	Monoterpenol
11	14.09	0.02%	1-Octanol	Aliphatic Alcohol
12	14.63	0.01%	Terpinolene	Monoterpene
13	14.95	0.01%	6,7-Epoxyterpinene	Monoterpene Ether
14	15.35	0.15%	Linalool	Monoterpenol
15	15.58	0.12%	Nonanal	Aliphatic Aldehyde
16	16.28	0.06%	trans-para-Mentha-2,8-dien-1-ol	Monoterpenol
17	16.77	0.23%	cis-Limonene oxide	Monoterpene Ether
18	16.97	0.19%	trans-Limonene oxide	Monoterpene Ether
19	17.75	0.09%	Citronellal	Monoterpene Aldehyde
20	18.88	0.03%	6,7-Dihydrogeraniol	
21	18.96	0.02%	Terpinen-4-ol	Monoterpenol
22	19.65	0.13%	alpha-Terpineol	Monoterpenol
23	19.83	0.07%	gamma-Terpineol	Monoterpenol
24	20.25	0.48%	Decanal	Aliphatic Aldehyde
25	20.50	0.08%	Octyl acetate	Aliphatic Ester
26	20.76	0.07%	trans-Carveol	Monoterpenol
27	21.21	0.01%	cis-para-Mentha-1(7),8-dien-2-ol	Monoterpenol
28	21.64	0.05%	Citral	Monoterpene Aldehyde
29	21.82	0.34%	Carvone	Monoterpene Ketone
30	22.24	0.05%	Linalyl acetate	Monoterpene Ester
31	22.99	0.12%	Geraniol	Monoterpene Aldehyde
32	23.21	0.03%	Perilla aldehyde	Monoterpene Aldehyde
33	24.81	0.01%	Undecanal	Sesquiterpene Aldehyde
34	25.26	0.07%	Perillyl alcohol	Monoterpenol
35	26.42	0.03%	alpha-Terpinyl acetate	Monoterpene Ester

