



CERTIFICATE of ANALYSIS (COA)

COMMON NAME	Yuzu, Distilled
LATIN NAME	<i>Citrus junos</i>
COUNTRY OF ORIGIN	Japan
CULTIVATION METHOD	Conventional, Plantation Grown, Sustainable.
TYPE	Essential Oil
EXTRACTION METHOD	Vacuum Steam Distilled
PLANT PART	Peel
USE	Aromatherapy, Natural Perfumery

SKU	1054
LOT #	12
MANUFACTURING DATE	October 2023
BEST BY DATE	October 2025

	SPECIFICATIONS (Range)	
SPECIFIC GRAVITY @20°C	0.842-0.846	0.844
REFRACTIVE INDEX @20°C	1.454-1.494	1.4746
OPTICAL ROTATION @20°C	na	na

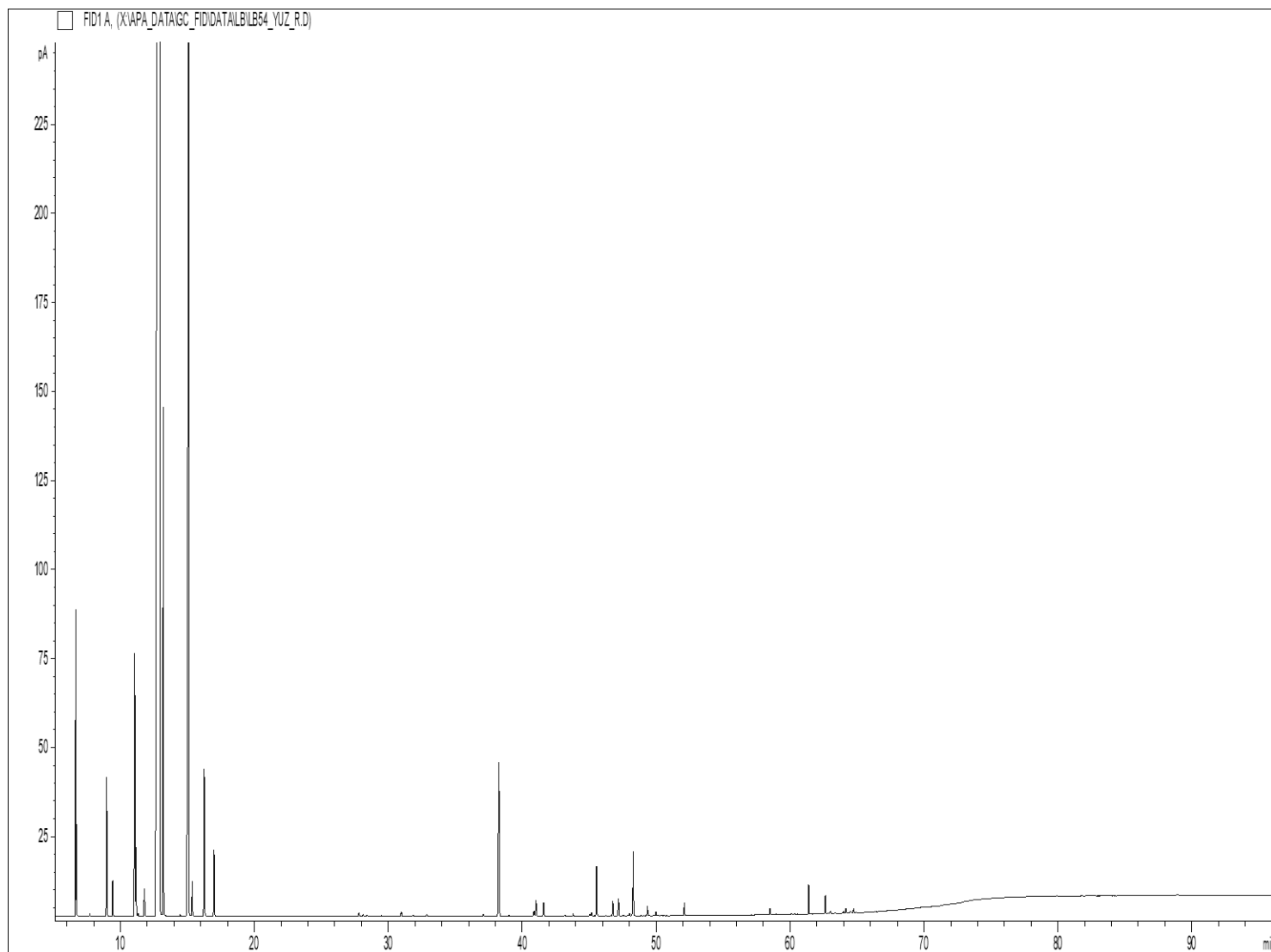
PHYSICAL APPEARANCE	Transparent liquid	Conforms
COLOR	Colorless to pale yellow	Conforms
ODOR	Citrus, sweet, characteristic.	Conforms
SOLUBILITY	Soluble in alcohol and fixed oils	
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.	

PRIMARY CONSTITUENTS	Limonene (50-80%), Gamma-terpinene (5-15%).
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COMMENTS	BEST BY DATE extended of 2 years on 08/28/23 after Peroxide Testing Analysis.
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THIRD PARTY LAB ANALYSIS (GCMS)

CHROMATOGRAPHIC PROFILE:



SKU 1054 Yuzu, Distilled

- YUZU DISTILLED EO - SKU 1054 LOT 12 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
1	6.66	alpha-PINENE	1.32		1.32
2	6.73	alpha-THUYENE	0.39		
3	7.73	CAMPHENE	0.01		
4	8.98	beta-PINENE	0.79		0.79
5	9.43	SABINENE	0.21		
6	11.07	beta-MYRCENE	1.79		
7	11.17	alpha-PHELLANDRENE	0.45		
8	11.32	psi-LIMONENE	0.02		
9	11.79	alpha-TERPINENE	0.23		0.23
10	12.96	LIMONENE	76.55		76.55
11	13.21	beta-PHELLANDRENE	3.13		
12	14.47	cis-beta-OCIMENE	0.01		
13	15.09	gamma-TERPINENE	9.49		
14	15.36	trans-beta-OCIMENE	0.23		
15	16.26	p-CYMENE	1.05		
16	17.00	TERPINOLENE	0.49		0.49
17	27.82	alpha,p-DIMETHYLSTYRENE	0.04		
18	28.12	MENTHATRIENE ISOMER	0.02		
19	28.43	alpha-CUBEBENE	0.01		
20	30.98	delta-ELEMENE	0.05		
21	31.86	BICYCLOELEMENE	0.02		
22	32.88	alpha-COPAENE	0.03		
23	37.11	beta1-CUBEBENE	0.02		
24	38.25	LINALOOL	1.51		1.51
25	39.00	TERPENIC COMPOUND	0.01		
26	40.87	beta-ELEMENE	0.05		
27	41.02	beta-CARYOPHYLLENE	0.16		0.16
28	41.60	TERPINENE-4-OL	0.12		
29	43.80	GERMACRENE A	0.02		
30	45.05	SESQUITERPENE	0.02		
31	45.17	alpha-HUMULENE	0.03		
32	45.55	E-beta-FARNESENE	0.36		
33	46.77	alpha-TERPINEOL	0.11		0.11
34	47.19	GERMACRENE D	0.14		
35	48.02	alpha-MUUROLENE	0.02		
36	48.29	BICYCLOGERMACRENE	0.47		
37	49.35	delta-CADINENE	0.07		
38		gamma-CADINENE			
39	49.98	beta-SESQUIPELLANDRENE	0.03		
40	52.10	GERMACRENE B	0.09		
41	58.49	COMPOUND Mw=196	0.05		
42	61.39	SPATHULENOL	0.18		
43	62.63	THYMOL	0.11		

- YUZU DISTILLED EO - SKU 1054 LOT 12 -

Peaks	RT (min)	Compound name	%	Standard (%)	Allergens (%)
44	63.04	alpha-MUUROLOL	0.01		
45	64.00	alpha-NOOTKATOL	0.02		
46	64.18	alpha-CADINOL	0.03		
47	64.74	beta-NOOTKATOL	0.02		
		TOTAL	99.97		81.15

This Essential Oil is a 100% pure and natural product. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Eden Botanicals. This product is guaranteed by Eden Botanicals to be of excellent quality.

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