VANILLA TRADING

WE TRADE QUALITY SPICES

CERTIFICATE OF ANALYSIS (COA)

COMMON NAME	Aged Vanilla Absolute
LATIN NAME	Vanilla Planifolia & Vanilla Tahitensis
COUNTRY OF ORIGIN	Papua New Guinea
TYPE	Absolute Oil
EXTRACTION METHOD	Solvent Extracted (HFC 134-A, no hexane)
PLANT PART	Cured Vanilla Beans
USE	Perfumery, Fine Fragrance
Expiry Date	19/August/2030

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PHYSICAL APPEARANCE	Oily, Viscous liquid, may be prone to sediment.
COLOR	Reddish-yellow to brown
ODOR	Deep, rich, heliotrope characteristic of Vanilla.
SOLUBILITY	Soluble in alcohol
SPECIAL USE INSTRUCTIONS	Dilute before use
PRIMARY CONSTITUENTS	Vanillin 9% to 12%

COMMENTS	Odour quality is impeccable

This Absolute 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 **VANILLA TRADING (M) SDN BHD**. This product is guaranteed by **VANILLA TRADING (M) SDN BHD** to be excellent quality.

VANILLA TRADING (M) SDN BHD
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CERTIFICATE OF ANALYSIS

Report No : PFC2409.293
Customer : **Vanilla Trading (M) Sdn Bhd**
Address : **NO 1A & 3A, Jalan Panglima**
30000 Ipoh, Perak

Report Date : 19th September 2024

SAMPLE DESCRIPTION
Type of Sample : Vanilla Absolute Oil
Sample Name : LOT 003
Sample Received Date : 15th September 2024

The following results relate only to the sample(s) submitted

No	Retention Time (min)	Compound Name	Cas No	Content (%)
1	3.170	2,3-Butanediol	513-85-9	0.09
2	9.438	Phenol	108-95-2	1.05
3	13.324	Phenol, 2-methoxy-	90-05-1	2.60
4	13.523	Phenol, 2-methoxy-	90-05-1	0.33
5	19.215	Benzaldehyde, 4-methoxy-	123-11-5	0.63
6	19.694	m-Methoxybenzamide	5813-86-5	0.14
7	20.232	Benzenemethanol, 4-methoxy-	105-13-5	6.84
8	20.889	Benzeneacetic acid, 4-methoxy-	1000342-86-3	0.38
9	21.827	4,4'-Dimethoxybenzil	1226-42-2	0.19
10	23.152	Benzenemethanol, 4-methoxy-, acetate	104-21-2	2.57
11	**24.064**	**Vanillin**	**121-33-5**	**11.07**
12	24.441	Benzoic acid, 4-methoxy-	100-09-4	0.76
13	25.603	3-Isopropoxy-4-methoxybenzamide	702-23-8	0.11
14	27.466	Benzeneacetonitrile, 2,6-difluoro-	654-01-3	0.16
15	29.815	Bicyclo(3.3.1)nonane-2,6-dione	164473-11-3	0.30
16	30.913	Anisyl butyrate	6963-56-0	0.16
17	31.545	Oxalic acid, allyl hexadecyl ester	1000309-24-4	2.78
18	35.069	9-Nonadecene	31035007-1	3.15
19	35.789	9,12-Octadecadienoic acid, methyl esther	565540-3509	2.66
20	36.073	9,12,15-Octadecatrienoic acid, methyl ester	301-00-8	0.29
21	36.636	Heptadecane	629-7807	0.13
22	38.237	1-Decanol, 2-hexyl-	2425-77-6	1.21
23	38.937	Benzenamine, N,N-diphenyl-	603-34-9	0.12
24	39.399	Tricosane-2,4-dione	65351-36-2	0.10
25	40.087	Butylphosphonic acid, di(4-methoxy benzyl) ester	1000315-08-9	0.37
26	41.210	Cyclohexanecarboxylic acid, 4-methoxybenzyl ester	1000279-91-7	0.10
27	41.659	9,12-Octadecadienoic acid (Z,Z)-	60-33-3	0.26
28	42.110	Z,E-2,13-Octadecadien-1-ol	1000131-10-3	0.11
29	43.007	Benzoic acid, 4-hydroxy-	99-96-7	0.13
30	43.427	Heptadecanal	1000376-70-0	1.85
31	44.283	Benzenemethanol, 4-methoxy-, acetate	1657-55-2	0.26
32	44.421	10-Heneicosene	95008-11-0	0.58
33	45.410	1H-Phosphole, 2,5-dihydro-1-methyl	872-37-7	2.73
34	46.304	13-Oxabicyclo[10.1.0]tridecane	286-9907	2.89
35	47.214	Carbonic acid, butyl 4-isopropylphenyl ester	1067-57-8	7.46
36	48.401	1H-Phosphole, 2,5-dihydro-1-methyl	872-37-7	7.26

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No	Retention Time (min)	Compound Name	Cas No	Content (%)
37	48.957	1-Docosanol, acetate	822-26-4	0.82
38	49.311	Spiro[4.5]decan-6-one	13388-94-8	0.77
39	49.892	Butylphosphonic acid, hexyl 4-methoxybenzyl ester	1000315-08-1	1.09
40	50.241	1,4-Benzenediamine, 2-methyl-	95-70-5	2.67
41	50.569	Pyridine, 2,4,6-trimethyl-	108-75-8	0.49
42	51.028	1H-Phosphole, 2,5-dihydro-1-methyl	872-37-7	6.99
43	51.714	Ethanone,2,2,2-trifluoro-1-(2-thienyl)-	651-70-7	11.34
44	52.430	1,3-Dimethyl-5-n-decylcyclohexane	86710-36-3	0.11
45	53.347	1H-Phosphole, 2,5-dihydro-1-methyl	872-37-7	4.88
46	53.829	1,2,4-Oxadiazol-5-amine, 3-(4-amino-1,2,5-oxadiazol-3-yl	1000351-27-3	1.54
47	54.542	4-Pyrimidinol, 6-(methoxymethyl)-2	1000319-31-9	0.46
48	55.391	1H-Phosphole, 2,5-dihydro-1-methyl	872-37-7	2.06
49	55.742	Fumaric acid, 4-methoxybenzyl propyl ester	1000339-31-3	0.20
50	56.881	Benzaldehyde, 2-hydroxy-3-methoxy-	148-53-8	1.54
51	57.434	3-Hexen-2-one, 3-cyclohexyl-4-ethyl-	1000150-19-1	0.22
52	57.587	p-Methoxybenzamide	3424-93-9	0.22
53	58.107	1,4-Benzenediol, 2,3,5-trimethyl-	700-13-0	0.43
54	58.777	1,5-Naphthalenediol	83-56-7	0.27
55	58.945	p-(Pentyloxy)acetophenone	5467-56-1	0.50
56	59.215	4-(Diethylamino)benzoic acid	5429-28-7	0.74
57	59.646	p-Methoxybenzamide	3424-93-9	0.28
58	60.120	Acetaminophen	103-90-2	0.15
59	60.510	4-Cyano-1-dimethylisopropylsilyloxybenzene	1000307-91-2	0.41
			Total %	100.00

Method GC-MS

Test Condition : Inlet Mode : Split 10:1; Carrier Gas : He; Column Flow Rate : 2mL/min;
Oven Program : 40°C fior 2 min, 5°C/min to 330°C, hold for 12 min; MS Mode : TIC



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Chiau Shis Sun
Lab Manager
B.App.Sc (Hons), MMIC
IKM No. M/2064/4507/03

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