

CUSTOMER:

KOBASHI LTD
Higher Cotley Barn, Cotley Lane,
Dunsford, Devon EX6 7BH
UK

Sample nature: ABSOLUTE
Botanical species: JASMINUM GRANDIFLORUM
Reference name: JASMINE
Batch number: 190318-6055-EJAS
Origin: INDIA
Part: FLOWER
Pyrenessences reference: W653

Date of receipt: 25/03/2019 **Date analysis:** 27/03/2019
Packaging: Transparent flask of 2 ml – ambient temperature
Analysis: Classic analysis
Shelf life: 1 year

Comments and conclusions:

Validated report by: Daniel Dantin – *Laboratory manager*

Line Pauset – *Quality manager*



GAS CHROMATOGRAPHY norm NF ISO 11024

Analysis conditions:

CPG 7890 / MS 5975 – Column: VF WAX polar 60 m × 0,25 mm × 0,25 µm

CPG 6890 FID - Column: VF WAX polar 60 m × 0,25 mm × 0,25 µm

Temperature program: 5 mn to 65 °C –5 °C/mn→250 °C – 90 mn to 250 °C

Carrier gas He: 23 psis/MS – 30 psis/FID

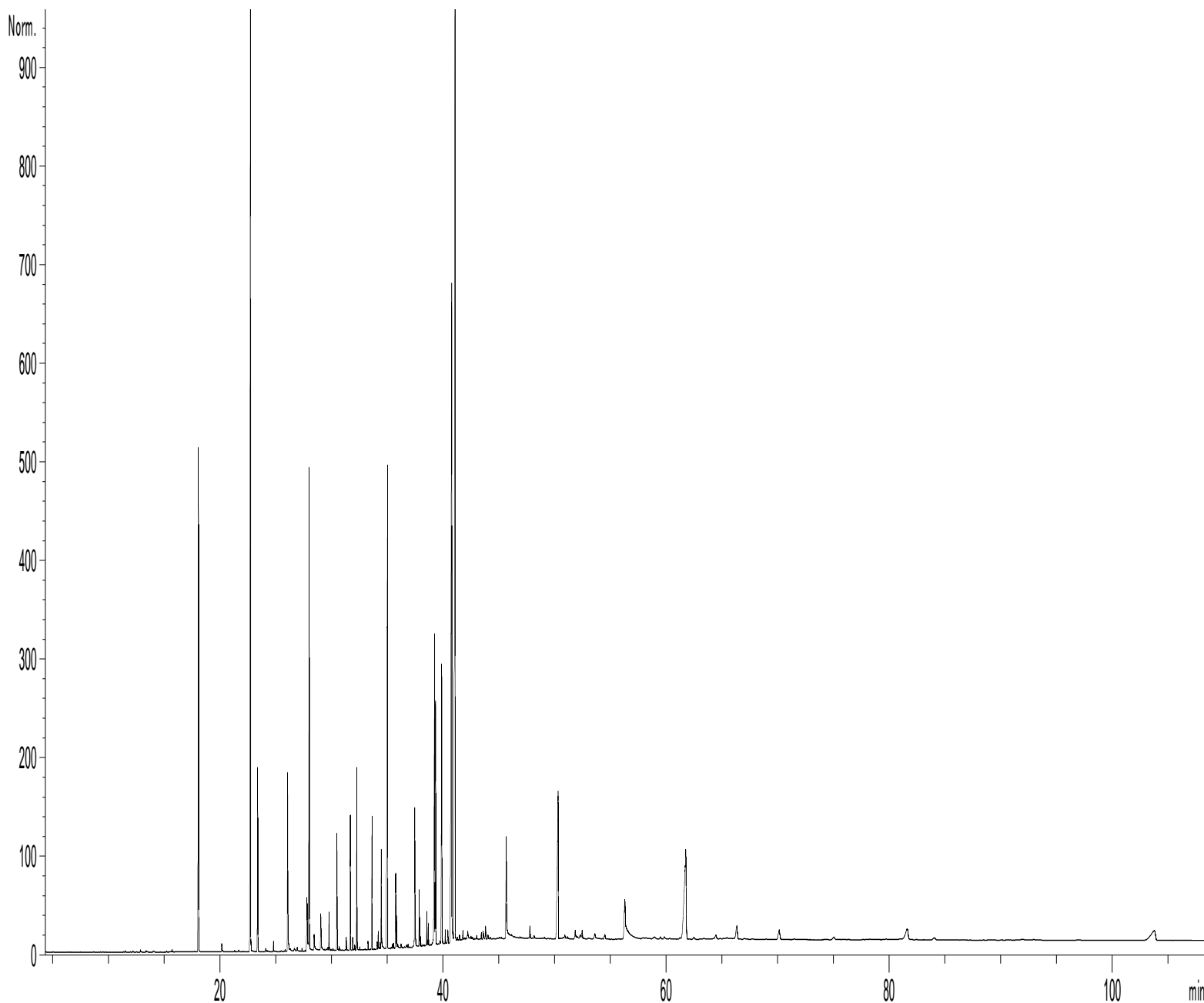
Sample injection / split: 1 µl of 10 % solution in hexane,

Mass range: 30 to 350, Oil compounds are identified by a combination of retention times (our own database) and mass spectra library NKS 75 000 records,

Percentages are calculated from GC/FID peaks areas without using corrections factors,

Chromatographic profile (GC/FID)

FID1 A, (D:\DATA\KOBASHI\W653.D)



Identification results 1: JASMINIUM GRANDIFLORUM INDIA BATCH N° 190318-6055-EJAS

Peak	RT (min)	Compound name	%	Norm (%)	Allergens (%)
1	11,4	3-HEXEN-1-OL, ACETATE	0,01		
2	11,9	2-HEXEN-1-OL, ACETATE	0,01		
3	12,2	6-METHYL-5-HEPTEN-2-ONE	0,01		
4	12,8	2-PENTANONE, 4-HYDROXY-4-METHYL-	0,02		
5	13,4	3-HEXEN-1-OL	0,01		
6	14,0	ALIPHATIC ALCOHOL	0,01		
7	15,2	ACETIC ACID	0,01		
8	15,4	LINALOOL CIS-OXIDE	0,01		
9	15,6	PENTADECANE	0,01		
10	15,7	BUTYRATE, 3-HEXENYL	0,02		
11	17,7	BENZALDEHYDE	0,01		
12	18,0	LINALOOL	4,80		4,80
13	20,1	METHYL BENZOATE	0,10		
14	21,3	ETHYL BENZOATE	0,02		
15	21,6	COMPOUND Mw=134	0,02		
16	22,0	alpha-TERPINEOL	0,01		
17	22,7	BENZYL ACETATE	14,73		
18	22,8	COMPOUND Mw=150	0,07		
19	22,9	COMPOUND Mw=150	0,02		
20	23,4	alpha-FARNESENE	1,67		
21	24,0	METHYL SALICYLATE	0,04		
22	24,3	PHENYLETHYL ESTER	0,01		
23	24,7	2-PHENYLETHYL ACETATE	0,09		
24	25,5	GERANIOL	0,01		0,01
25	25,8	E-GERANYL ACETONE	0,02		
26	26,0	BENZYL ALCOHOL	1,85		1,85
27	26,6	ALIPHATIC ESTER	0,05		
28	26,9	PHENYLETHYL ALCOHOL	0,05		
29	27,3	NONADECANE	0,02		
30	27,7	COMPOUND Mw=138	0,85		
31	27,9	Z-JASMONE	4,68		
32	28,4	MALTOL Mw=126	0,26		
33	29,0	PHYTYL COMPOUND	0,50		
34	29,6	ALIPHATIC ESTER	0,03		
35	29,8	NEROLIDOL	0,30		
36	30,5	p-CRESOL	1,10		
37	30,7	BENZYLIC ESTER	0,03		
38	31,3	BENZYL TIGLATE	0,10		
39	31,6	Trans-3-HEXENYL BENZOATE	1,18		
40	31,8	PENTADECANONE TRIMETHYL	0,11		
41	32,0	ALIPHATIC ESTER	0,04		
42	32,2	EUGENOL	1,50		1,50
43	32,5	SESQUITERPENOL	0,03		
44	33,3	2,7-OCTADIENE-1,6-DIOL, 2,6-DIMETHYL	0,07		
45	33,6	METHYL PALMITATE	1,30		

Identification results 2: JASMINIUM GRANDIFLORUM INDIA BATCH N° 190318-6055-EJAS

Peak	RT (min)	Compound name	%	Norm (%)	Allergens (%)
46	34,1	FARNESYL ACETATE	0,07		
47	34,2	FURANIC COMPOUND	0,16		
48	34,3	ETHYL PALMITATE	0,05		
49	34,4	Z-JASMOLACTONE	1,06		
50	35,0	ISOPHYTOL	7,31		
51	35,4	CHAVICOL	0,03		
52	35,5	ALIPHATIC ESTER	0,06		
53	35,7	METHYL JASMONATE	0,62		
54	35,8	ISOEUGENOL	0,31		0,31
55	35,9	ALIPHATIC ESTER	0,07		
56	36,2	ALIPHATIC ESTER	0,05		
57	36,7	METHYL JASMONATE ISOMER	0,03		
58	36,8	ALIPHATIC ESTER	0,02		
59	36,9	BENZOIC ACID	0,03		
60	37,4	INDOLE	1,41		
61	37,5	METHYL STEARATE	0,20		
62	37,8	METHYL OLEATE	0,47		
63	38,0	ALIPHATIC ESTER	0,07		
64	38,5	HEXADECANAL	0,31		
65	38,6	METHYL-N-ACETYL-ANTHRANILATE	0,06		
66	38,7	METHYL LINOLEATE	0,17		
67	39,2	PHYTYL ACETATE	4,29		
68	39,3	GERANYLLINALOL	2,32		
69	39,7	ALIPHATIC ESTER	0,04		
70	39,9	METHYL LINOLENATE	3,03		
71	40,2	ALIPHATIC ESTER	0,11		
72	40,4	ETHYL LINOLEATE	0,14		
73	40,7	PHYTOL	12,39		
74	41,0	BENZYL BENZOATE	13,56		13,56
75	41,5	AROMATIC COMPOUND	0,04		
76	41,7	MYRISTIC ACID	0,10		
77	42,2	AROMATIC COMPOUND	0,14		
78	43,0	AROMATIC COMPOUND	0,04		
79	43,4	AROMATIC COMPOUND	0,06		
80	43,6	ETHYL LINOLENATE	0,09		
81	43,8	BENZYL SALICYLATE	0,13		0,14
82	44,0	AROMATIC COMPOUND	0,03		
83	45,6	PALMITIC ACID	2,00		
84	47,7	TETRAMETHYLHEPTADECANOLIDE	0,18		
85	48,2	AROMATIC COMPOUND	0,07		
86	50,3	SQUALENE	3,48		
87	50,9	AROMATIC COMPOUND	0,07		
88	51,8	OLEIC ACID	0,27		
89	52,3	AROMATIC COMPOUND	0,10		
90	52,5	PHENYLETHYL ESTER	0,16		

Identification results 3: JASMINIUM GRANDIFLORUM INDIA BATCH N° 190318-6055-EJAS

Peak	RT (min)	Compound name	%	Norm (%)	Allergens (%)
91	53,6	LINOLEIC ACID	0,13		
92	54,5	AROMATIC COMPOUND	0,09		
93	56,3	LINOLENIC ACID	1,85		
94	61,7	EPOXYSQUALENE Mw=426	3,88		
95	64,5	AROMATIC COMPOUND	0,11		
96	66,3	SQUALENE ISOMER	0,44		
97	70,1	PHENYLMETHYL LINOLENATE	0,34		
98	75,0	PHENYLMETHYL ESTER	0,09		
99	81,6	AROMATIC COMPOUND	0,64		
100	84,0	AROMATIC COMPOUND	0,11		
101	103,7	COMPOUND Mw=278	0,99		
		TOTAL	99,86		22,17