

EXPERT PANEL FOR FRAGRANCE SAFETY MEETING

DRAFT AGENDA

January 23-25, 2017

San Diego, California

Start 9:00 AM

1) Discussion of the Meeting Schedule and Agenda Topics DVB
a) Completion/Signing of Conflict of Interest Statement AMA

2) Minutes (Tab 01) (Tab 02) (Tab 03) (Tab 04) (Tab 05) (Tab 06) (Tab 07) (Tab 08)

3) Follow-Up and Informational Items
a) Follow-Up List and SA (Tab 09) AMA

4) Standing Items (For Expert Panel information only; per Panel's request)
a) RIFM Publications (Tab 10) AMA

5) Webinar Presentation by Has Merk, Monday January 23 9 AM Update: Research project in order to characterize the cutaneous CYP-dependent metabolism of creosol.

6) Legal (Monday morning January 23, 2017) T. Marzouk
a) Review of website: www.fragrancesafetypanel.com
b) Self-Audit of Expert Panel Operating Procedures
c) Self-Assessment Survey of Expert Panel Members
d) Other legal Questions/Issues

7) Furaneol (Tab 11)
a) **A.M. Api and A. Patel Summary Presentation on Sensitization and Repeat Dose Data**

8) Review genotoxicity section WD/MD/IGS
a) OTNE, CAS 54464-57-2 (Tab 12) (Tab 13)
b) alpha-Methyl cinnamic alcohol, CAS 1504-55-8 (Tab 14) (Tab 15)
c) 4-Phenyl-3-buten-2-ol, CAS # 17488-65-2 (Tab 16) (Tab 17)

9) RIFM Safety Evaluation Process
a) **A. M. Api Presentation RIFM Safety Assessment Update and Metrics**
b) **A.M. Api Presentation Interface between RIFM Safety Assessments and IFRA Standard Setting: Process and proposed policy**

- c) **A.M. Api Presentation NCS Safety Evaluation Strategy**
- d) **A.M. Api Presentation Process and proposed policy**
- e) Introduction New Fragrance Materials After the 2016 Volume of Use Survey Procedure for member-generated safety assessments (**Tab 18**)
- f) Template and SOP for the computational toxicity section (**Tab 19**) (**Tab 20**) **MD/TS/DL/TP**
- i) Updates to templates
- g) Safety Assessment Overview (95 Safety Assessments covering 119 materials) (**Tab 21**) (**Tab 21a**) (**Tab 21b**) **SLC/AMA/AP**

CAS#	Material Name	Tab
5392-40-5, 106-26-3 and 141-27-5	Citral	Tab 22
19317-11-4	Farnesal	Tab 23
41448-29-7	3,7-Dimethyl-2,6-nonadien-1-al	Tab 24
762-26-5	5,9-Dimethyl-4,8-decadienal	Tab 25
24048-13-3 and 54082-68-7	2,6,10-Trimethylundeca-5,9-dienal (dihydroapofarnesal)	Tab 26
55722-59-3 and 55050-40-3	3,7-Dimethyl-3,6-octadienal	Tab 27
106-72-9	2,6-Dimethyl-5-heptenal	Tab 28
106-23-0 and 5949-05-3	Citronellal	Tab 29
71077-31-1	4,8-Dimethyl-4,9-decadienal	Tab 30
22418-66-2	3,7-Dimethyl-2-methylenocta-6-enal	Tab 31 Tab 31a
141-13-9	2,6,10-Trimethyl-9-undecenal	Tab 32
1576-95-0	(Z)-2-Penten-1-ol	Tab 33
928-95-0 and 2305-21-7	trans-2-Hexenol	Tab 34
22104-79-6	2-Nonen-1-ol	Tab 35
7786-44-9 and 28069-72-9	2,6-Nonadien-1-ol	Tab 36
85-91-6	Methyl N-methylantranilate	Tab 37
65505-24-0	Isobutyl N-methylantranilate	Tab 38
25628-84-6	Benzoic acid, 2-[(1-oxopropyl)amino]-, methyl ester	Tab 39
2719-08-6	Methyl N-acetylantranilate	Tab 40
68480-21-7	Benzoic acid, 2-(dimethylamino)-, 2-methylpropyl ester	Tab 41
41270-80-8	Methyl 2-(formylamino)benzoate	Tab 42
65405-76-7	cis-3-Hexenyl anthranilate	Tab 43
134-20-3	Methyl anthranilate	Tab 44
7756-96-9	Butyl anthranilate	Tab 45
87-25-2	Ethyl anthranilate	Tab 46
7149-26-0	Linalyl anthranilate	Tab 47
133-18-6	Phenylethyl anthranilate	Tab 48
3508-98-3	2-Phenylhexanenitrile	Tab 49

CAS#	Material Name	Tab
3288-99-1	(4-tert-Butylphenyl)acetonitrile	Tab 50 Tab 50a
54089-83-7	3-Methyl-5-phenylpentanenitrile	Tab 51
75490-39-0	2,2,4-Trimethyl-4-phenyl-butane-nitrile	Tab 52
134123-93-6	Benzenepropanenitrile, 4-ethyl-.alpha.,.alpha.-dimethyl-	Tab 53
68083-58-9	1,3-Dimethyl-3-phenylbutyl acetate	Tab 54
151-05-3	1,1-Dimethyl-2-phenylethyl acetate	Tab 55
59354-71-1	1,1-Dimethyl-2-phenylethyl isobutyrate	Tab 56
103-07-1	2-Methyl-4-phenyl-2-butyl acetate	Tab 57
10031-71-7	2-Methyl-4-phenyl-2-butyl isobutyrate	Tab 58
7306-12-9	3-Phenyl-3-buten-1-yl acetate	Tab 59
122-72-5	3-Phenylpropyl acetate	Tab 60
10094-34-5	alpha,alpha-Dimethylphenethyl butyrate	Tab 61
67785-77-7	alpha,alpha-Dimethylphenylethyl propionate	Tab 62
103-45-7	Phenethyl acetate	Tab 63
103-52-6	Phenethyl butyrate	Tab 64
104-62-1	Phenethyl formate	Tab 65
103-48-0	Phenethyl isobutyrate	Tab 66
122-70-3	Phenethyl propionate	Tab 67
6324-78-3	p-(2,2-Dimethoxyethoxy)toluene	Tab 68
78-70-6 and 126-91-0	Linalool	Tab 69
73018-51-6	1,6-Octadien-3-ol, 3,7-dimethyl-, acid-isomerized	Tab 70
10339-55-6	3,7-Dimethyl-1,6-nonadien-3-ol	Tab 71
7212-44-4 and 40716-66-3, 142-52-7	Nerolidol (isomer unspecified)	Tab 72
1113-21-9	Geranyl linalool	Tab 73
18479-51-1	3,7-Dimethyloct-6-en-3-ol	Tab 74
18479-49-7	3,7-Dimethyloct-1-en-3-ol	Tab 75
115-18-4	2-Methyl-3-buten-2-ol	Tab 76
505-32-8	Isophytol	Tab 77
13254-34-7	2,6-Dimethyl-2-heptanol	Tab 78
18479-57-7	Tetrahydromyrcenol	Tab 79
78-69-3	Tetrahydrolinalool	Tab 80
61789-17-1	Guaiacwood acetate	Tab 81
8000-41-7, 7785-53-7, 10482-56-1 and 98-55-5	Terpineol	Tab 82
498-81-7 and 58985-02-7	Dihydro-α-terpineol	Tab 83
562-74-3	3-Cyclohexen-1-ol, 4-methyl-1-(1-methylethyl)-	Tab 84
134769-33-8, 124071-42-7 and 124071-43-8	3,12-Tridecadienenitrile	Tab 85
51566-62-2	Citronellyl nitrile	Tab 86
76-22-2, 21368-68-3, 464-48-2, 464-49-3	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (camphor) and d,l-camphor	Tab 87

CAS#	Material Name	Tab
1195-79-5, 4695-62-9, 7787-20-4	Fenchone	Tab 88
16409-43-1, 4610-11-1 and 3033-23-6	Rose Oxide (Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran)	Tab 89
1786-08-9	Nerol oxide	Tab 90
13828-37-0	cis-4-(Isopropyl)cyclohexanemethanol	Tab 91
67634-03-1	4-(Isopropyl)-.β.-methylcyclohexanethanol	Tab 92
68480-15-9	Cyclohexanemethanol, 2,4-dimethyl-	Tab 93
106-21-8	3,7-Dimethyl-1-octanol	Tab 94
25339-17-7	Isodecyl alcohol	Tab 95
123-51-3	Isoamyl alcohol	Tab 96
68526-85-2	Alcohols, C9-11-iso-, C10-rich	Tab 97
68526-86-3 and 27458-92-0	Alcohols, C11-14-iso-, C13-rich	Tab 98
589-35-5	3-Methyl-1-pentanol	Tab 99
68526-84-1	Alcohols, C8-10-iso-, C9-rich	Tab 100
104-65-4	Cinnamyl formate	Tab 101
103-54-8	Cinnamyl acetate	Tab 102
103-59-3	Cinnamyl isobutyrate	Tab 103
103-56-0	Cinnamyl propionate	Tab 104
103-61-7	Cinnamyl butyrate	Tab 105
67801-20-1	3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)pent-4-en-2-ol	Tab 106
107898-54-4	3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol (polysantol)	Tab 107
65113-99-7	5-(2,2,3-Trimethyl-3-cyclopentenyl)-3-methylpentan-2-ol	Tab 108
72089-08-8	2-Methyl-4(2,2,3-trimethyl-3-cyclopentenyl)butanol	Tab 109
28219-60-5	2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	Tab 110
28219-61-6	2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	Tab 111
3293-47-8	Dihydro-beta-ionol	Tab 112
42866-91-1	p-(2,2-Dimethoxyethyl)toluene	Tab 113
6314-97-2	Phenylacetaldehyde diethyl acetal	Tab 114
90-87-9	2-Phenylpropionaldehyde dimethyl acetal	Tab 115
101-48-4	Phenylacetaldehyde dimethyl acetal	Tab 116

Highlighted Materials are those with the most data

10) Webinar Presentation by Jean-Pierre Lepoittevin PhD, January 24 9 AM Update: Development of HRMAS NMR spectroscopy in association with RHE to follow and characterize the metabolic transformation/activation of pro-haptens

11) IDEA Update **AMA/MB/DVB**

- a) QRA 2016 Implementation Update
- b) IDEA Working Group Meeting on evaluating effectiveness of QRA (Tab 117)

12) Human Health Research Projects

- a) Epidemiology
 - i) Validation of Clinical Relevance Algorithm (Tab 118) **MB**
- b) Elicitation Threshold Study on Eugenol (Tab 119) **AMA**
- c) Respiratory Research Program (Tab 120) **DB/AF**
 - i) Use of MPPD in RIFM Safety Assessment Process (Tab 121)
 - ii) **Webinar Presentation by D Botelho on use of MPDD in Safety Assessment Process**
- d) **Photoallergy Research Project (Tab 122)** **GR/AMA**
 - i) **Presentation by G. Ritacco**
 - ii) **Presentation on in vitro/in vivo photoallergy studies – Doug Learn, Charles River Laboratories**

13) Environmental Program Update **AL/DTS**

- a) **D. Salvito Presentation on Environmental Program Update**

14) IFRA Standards

- a) Furfural (Tab 123) (Tab 124) (Tab 125) (Tab 126)

15) Expert Panel Executive Session

16) Future Meeting Dates

- Monday – Wednesday May 22-24, 2017 Dublin
- Monday – Wednesday Sept. 18-20, 2017 Berlin
- Monday – Wednesday Jan. 22-24, 2018 Miami, FL
- Monday – Wednesday May 21-23, 2018 RIFM
- Monday – Wednesday Sept. 17-19, 2018 Europe – Paris?