



Flavor & Fragrance Ingredients Since 1972

Date issued: June 26th, 2023

Re: Cosmetic Fragrance Allergens

Product: 410 APRITONE, Lot 2023059-0005

Quantitative analysis has been performed on April 20th 2023 for APRITONE (BRI 410) using EN 16274:2021 (SCCS/1459/11) for 57 fragrance allergens (and isomers) with specifications at 20 mg/kg(ppm) for each named allergen.

The material itself has no correlation or relation to the listed 57 fragrance allergens defined below with the exception of Damascone beta (E) (CAS 23726-91-2), Linalool (major form) (CAS 78-70-6) and Geraniol (CAS106-24-1).

282 ppm Damascone beta (E) was reported to be present in the tested material and is known to be present at a maximum content of up to 0.05% or 500 ppm in each released lot.

Linalool (major form) and Geraniol were less than the detection limit (<20 mg/kg) in the tested material but are known manufacturing impurities that can be found up to 50 ppm (0.005%) and up to 60 ppm (0.006%) respectively.

Allergen	CAS Number	Quantity Detected	Unit of Measure
Terpineol alpha	98-55-5	<20	mg/kg
Acetylcedrene	32388-55-9	<20	mg/kg
Amyl cinnamal	122-40-7	<20	mg/kg
Amyl Salicylate	2050-08-0	<20	mg/kg
Amylcinnamyl alcohol	184900-07-0	<20	mg/kg
trans-Anethole	4180-23-8	<20	mg/kg
Anise Alcohol	105-13-5	<20	mg/kg
Benzaldehyde	100-52-7	<20	mg/kg
Benzylalcohol	100-51-6	<20	mg/kg

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Benzylbenzoate	120-51-4	<20	mg/kg
Benzylcinnamate	103-41-3	<20	mg/kg
Benzylsalicylate	118-58-1	<20	mg/kg
Butylphenyl Methylpropional	80-54-6	<20	mg/kg
Camphor	76-22-2	<20	mg/kg
beta-caryophyllene	87-44-5	<20	mg/kg
Carvone	99-49-0	<20	mg/kg
Cinnamal	104-55-2	<20	mg/kg
Cinnamyl alcohol	104-54-1	<20	mg/kg
Citral	5392-40-5	<20	mg/kg
Citronellol	106-22-9	<20	mg/kg
Coumarin	91-64-5	<20	mg/kg
Rose Ketone-4	23696-85-7	<20	mg/kg
Damascone alpha	43052-87-5	<20	mg/kg
Damascone beta (E)	23726-91-2	282	mg/kg
delta-Damascone 5	57378-68-4	<20	mg/kg
Dimethylbenzyl carbonyl acetate (DMBCA)	151-05-3	<20	mg/kg
Eugenol	97-53-0	<20	mg/kg
Farnesol	4602-84-0	<20	mg/kg
Geraniol	106-24-1	<20	mg/kg
Hexadecanolactone	109-29-5	<20	mg/kg
Hexamethylindanopyran	1222-05-5	<20	mg/kg
Hexylcinnamal	101-86-0	<20	mg/kg
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4	<20	mg/kg
	51414-25-6		
Hydroxycitronellal	107-75-5	<20	mg/kg
Isoeugenol	97-54-1	<20	mg/kg
Alpha-Isomethyl Ionone	127-51-5	<20	mg/kg
Limonene	5989-27-5	<20	mg/kg
Linalool (major form)	78-70-6	<20	mg/kg
Menthol	89-78-1	<20	mg/kg
Methyl 2-Octynoate	111-12-6	<20	mg/kg
Methyl salicylate	119-36-8	<20	mg/kg

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3-Methyl-5-(2,2,3-Trimethyl-3-cyclopentenyl)pent-4-en-2-ol	67801-20-1	<20	mg/kg
alpha-Pinene	80-56-8	<20	mg/kg
beta-Pinene	127-91-3	<20	mg/kg
Propylidene phthalide	17369-59-4	<20	mg/kg
Salicylaldehyde	90-02-8	<20	mg/kg
Sclareol	515-03-7	<20	mg/kg
Terpineol (mixture of isomers)	98-55-5	<20	mg/kg
	586-81-2		
	138-87-4		
	7299-41-4		
alpha-Terpinene	99-86-5	<20	mg/kg
Terpinolene	586-62-9	<20	mg/kg
Tetramethyl acetyloctahydronaphthalenes	68155-66-8	<20	mg/kg
	54464-57-2		
	68155-67-9		
Majantol	103694-68-4	<20	mg/kg
Vanillin	121-33-5	<20	mg/kg
Linalyl acetate	115-95-7	<20	mg/kg
Eugenyl acetate	93-28-7	<20	mg/kg
Isoeugenyl acetate	93-29-8	<20	mg/kg
Geranyl acetate	105-87-3	<20	mg/kg
(Z) alpha-santalol	115-71-9	<20	mg/kg
(Z) beta-santalol	77-42-9	<20	mg/kg

Based on our manufacturing knowledge process and these testing results, we do not expect the material above to be present-with the exception of Damascone beta (E), Geraniol and Linalool as noted and controlled above.

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