

NEW

Fragrance Allergen Calibration Mixes

We are proud to introduce two ready to use certified reference material mixtures suitable as calibrants for the testing of 57 allergenic fragrances and their isomers according to the new IFRA method:

- Certification of each individual component by qNMR (following ISO/IEC 17025 accreditation)
- Mixes produced following an established workflow according to ISO 17034
- Tested for homogeneity and long-term stability using GC-MS and GC-FID
- Supplied with a comprehensive certificate including overall uncertainty as well as the individually determined uncertainties of all the components

With these two ready-to-use standard calibration sets, we provide Fragrance Houses and testing labs with reliable, high quality standards, ideal for the new IFRA method.

More information:

SigmaAldrich.com/fragrancestandards



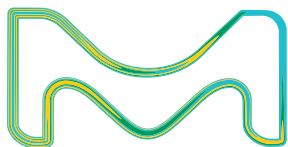
News With a Different Flavor



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89131 Fragrance allergen mix A1**Solvent**

tert-Butyl methyl ether (MTBE)

Components

α-Amylcinnamyl alcohol
 trans-Anethole
 Anise alcohol
 Benzyl alcohol
 β-Caryophyllene
 Cinnamyl alcohol
 Citronellol
 Ebanol 1
 Ebanol 2
 Eugenol
 trans,trans-Farnesol
 Geraniol
 Isoeugenol (E+Z)
 Limonene
 Linalool
 Menthol
 α-Pinene
 β-Pinene
 α-Santalol
 β-Santalol
 Sclareol
 α-Terpinene
 Terpineol, mainly alpha
 Trimethyl-benzenepropanol

16558 Fragrance allergen mix A2**Solvent**

tert-Butyl methyl ether (MTBE)

Components

Propylidene phthalide-3
 α-Acetyl Cedrene
 Isoeugenyl Acetate
 alcohol-α-Amylcinnamaldehyde
 Amyl salicylate
 Benzaldehyde
 Benzyl benzoate
 Benzyl cinnamate
 Benzyl salicylate
 Butylphenyl methylpropional
 Camphor
 Carvone
 Cinnamaldehyde
 Neral
 Geranial
 Coumarin
 β-Damascenone (Rose ketone-4)
 α-Damascone
 Damascone beta "E"
 Santalolδ-Damascone (Rose ketone-3)
 Dimethylbenzylcarbonyl acetate (DMBCA)
 Eugenyl acetate
 Galaxolide 1
 Galaxolide 2
 Geranyl acetate
 Hexadecanolactone / Dihydroambrettolide
 α-Hexylcinnamaldehyde
 Hydroxycitronellal
 Hydroxyisohexyl 3-cyclohexene carboxaldehyde (major)
 Hydroxyisohexyl 3-cyclohexene carboxaldehyde (minor)*
 α-Isomethylionone
 Linalyl acetate
 Methyl salicylate
 Methyl-2-octynoate
 Salicylaldehyde
 Terpinolene
 α-Tetramethylacetyloctahydronaphthalene (ISO E® α)*
 β-Tetramethylacetyloctahydronaphthalene (ISO E® β)
 γ-Tetramethylacetyloctahydronaphthalene (ISO E® γ)*
 Vanillin



Composition of the two new Fragrance Allergen Calibration Mixes. The nominal concentration for most components is 2000mg/kg (exceptions are some isomers marked with *). These have a lower nominal concentration, please refer to the lot specific certificate provided with the products. For both mixes, 2 mL and 5 mL packages are available (amber glass ampoules).

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