

PT 62: Flavourings and Fragrances

Details of the program:

- Proficiency testing scheme created in 2009
- 5 rounds per annual series
- **PTS accredited by COFRAC**
- The time for analysis is 4 weeks
- Samples are shipped via express carrier at the end of the previous month.



PT 62 - Flavourings and Fragrances: quality control (50 participants)

DATE	CODE	MATRIX	ANALYTES	WEIGHT
September	1762	Patchouli essential oil	According to the matrix: Specific gravity at 20°C & 25°C	30 g
November	3162	Liquid flavour	Carbonyl index ^{NA} , Peroxide value,	30 g
February	6662	Alcohol	Refractive index, Aromatic concentration,	30 g
March	0462	Flavour in powder	Acidity index, Alcohol content, C-D value Rotating power at 20°C Solvent % ^{NA} ,	30 g
May	7162	Lime essence oil	Melting point, Flashpoint Waste vacuum oven drying Water content (Karl Fisher), Carbonyl value ^{NA}	30 g

PT 62d-Flavourings & Fragrances: GC Analyses % relative (45 participants)

DATE	CODE	MATRIX	ANALYTES	WEIGHT
October	6862	Patchouli essential oil	GC Analyse expressed in relative %	2 g
April	6762	Badian essential oil	GC Analyse expressed in relative %	2 g

PT 62e-Flavourings & Fragrances: LC Analyses (20 participants)

DATE	CODE	MATRIX	ANALYTES	WEIGHT
December	1562	Vanilla sugar	LC Analyse	5 g

PT 62f-Flavourings & Fragrances: Chirality (15 participants)

DATE	CODE	MATRIX	ANALYTES	WEIGHT
February	0162	Lavender essential oil	Chirality	2 g

PT 62g-Flavourings & Fragrances: Artefact - GC Qualitative & quantitative analyses (35 participants)

DATE	CODE	MATRIX	ANALYTES	WEIGHT
October	5662	Benzaldehyde		2 g
	6462	Benzaldehyde	Benzene quantitative analyse ^{NA}	2 g
	6562	Benzaldehyde		2 g
March	6962	Absolue	GC Quantitative analyse ^{NA}	2 g
	7062	Hedione	GC Quantitative analyse ^{NA}	2 g

Note: Matrices and analytes may be changed or removed for technical or scientific reasons.
Please refer to current application form available in your member area (www.bipea.org).

