

PT 17: Wines

Details of the program:

- Proficiency testing scheme created in 1990
- **197 registered laboratories from 32 countries**
- **PTS accredited by COFRAC**
- 10 rounds per annual series
- The time for analysis is 3 weeks
- Samples are shipped via express carrier around the 15th of the month.



Schedule:

DATE	CODE	MATRIX	VOLUME
September	0117	Red wine	750 ml
October	0817	Dry rosé wine	750 ml
	0217	White wine	750 ml
November	0317	Sparkling wine	750 ml
	0717	Aromatized wine	750 ml
December	0117	Red wine	750 ml
January	1917	Marsala	750 ml
	0217	White wine	750 ml
February	0539	Spiked red Port	60 ml
	0317	Sparkling wine	750 ml
	0117	Red wine	750 ml
March	1217	Sweet wine	750 ml
	0217	White wine	750 ml
April	0117	Red wine	750 ml
May	1317	Aerated sparkling wine	750 ml
	0817	Dry rosé wine	750 ml
June	0239	White Port	750 ml
	0217	White wine	750 ml

ANALYTES

Physical analysis

Ashes, Densitometric total dry extract, Density at 20 °C, Folin index, Optical density (420 nm, 20 nm, 620 nm, 280 nm), L*, a*, b* (CIELab coordinates), BRIX degree, Refractive index, Turbidity, saturation temperature
Sugars: Total sugars, Reducing substances, Glucose, Fructose, Sucrose, Glucose+Fructose, Sorbitol ^{NA}
Gaz: CO₂, Overpressure

Inorganic compounds

Anions: Chlorides, Sulfates

Cations: Iron, Copper, Potassium, Calcium, Magnesium, Sodium, Lead, Zinc, Manganese

Other compounds: Sulfur dioxide (free and total), Nitrogen (ammoniacal, alpha amine, assimilable and total)

Volatils compounds

Alcohols: Alcoholic strength, Methanol, Butanol-2, Propanol, Methyl-2-propanol-1, Butanol-1, Methyl-2-butanol, Methyl-3-butanol, Isopentanol, Hexanol, Cis-hexenol

Esters: Ethyl Lactate, Ethyl Butyrate, Ethyl Acetate, Ethyl Carbamate

Organic acids: pH, Total acidity, Volatile acidity, Malic acid (L and total), Lactic acid (L and total), Tartaric acid, Gluconic acid, Acetic acid, Citric acid, Shikimic acid

Other compounds: Ethanal, hydroxymethylfurfural, flavonols ^{NA} and anthocyanins ^{NA}

Preservatives: Ascorbic acid, Sorbic acid

The infrared methods can be proposed for some criteria. Additional parameters may be suggested according to the matrices

NA *: Not accredited parameter

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).