

PT 17a: Grape must

Details of the program:

- Proficiency testing scheme created in 2010
- **107 registered laboratories from 20 countries**
- **PTS accredited by COFRAC**
- 2 rounds per annual series
- The time for analysis is 10 days
- Samples are shipped via express carrier around the 15th of the month.



Schedule:

DATE	CODE	MATRIX	VOLUME
July	1017	Grape juice	1000 ml
	1117	Concentrated rectified must*	250 ml
August	1017	Grape juice	1000 ml
	1117	Concentrated rectified must*	250 ml

*Refrigerated sample

ANALYTES The list of analytes below varies according to the nature of the sample

Physical analysis:

Relative density at 20 °C, BRIX Degree, Refractive Index, Optical Density (280, 420, 520, 620 nm), Turbidity, pH, total acidity, HMF, conductivity^{NA}

Sugars:

Glucose, Fructose, Glucose + Fructose, Sorbitol ^{NA}

Inorganic compounds:

Cations: Iron, Copper, Potassium, Calcium, Magnesium, Sodium, total cation^{NA}

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

Volatile compounds:

Alcohols: Alcoholic strength by volume and power, Hexanol

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

Other compounds: Hydroxymethylfurfural, , meso-inositol^{NA}, flavonols ^{NA} and anthocyanins ^{NA}

Preservatives: Ascorbic Acid, Sorbic Acid

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).