

## PT 17a: Grape must

### Details of the program:

- Proficiency testing scheme created in 2010
- **197 registered laboratories from 32 countries**
- **PTS accredited by COFRAC**
- 2 rounds per annual series
- The time for analysis is 3 weeks
- Samples are shipped via express carrier around the 15<sup>th</sup> 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

### ANALYTES

#### Physical analysis:

Density, BRIX Degree, Refractive Index, Optical Density (280, 420, 520, 620 nm), Turbidity

#### Sugars:

Glucose, Fructose, Glucose + Fructose, Sorbitol <sup>NA</sup>

#### Inorganic compounds:

**Cations:** Iron, Copper, Potassium, Calcium, Magnesium, Sodium

**Other compounds:** Total sulfur dioxide, 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

**Other compounds:** Hydroxymethylfurfural, flavonols <sup>NA</sup> and anthocyanins <sup>NA</sup>

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](http://www.bipea.org)).