

## PT 73: Vinegar

### Details of the program:

- Proficiency testing scheme created in 2014
- **26 registered laboratories from 9 countries**
- **PTS accredited by COFRAC**
- 6 rounds per annual series
- The time for analysis is 4 weeks
- Samples are shipped via express carrier around the 15<sup>th</sup> of the month.



### Schedule:

DATE	CODE	MATRIX	VOLUME
October	0373	Balsamic vinegar	750 ml
November	0473	Cider vinegar	750 ml
January	0173	White wine vinegar	750 ml
March	0773	Wine vinegar aromatized with nuts	1000 ml
May	0273	Red wine vinegar	750 ml
June	0673	Alcohol vinegar	750 ml

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

Physical analysis: Density at 20°C,  
Ashes, Absorbance (420, 520, 620 nm) <sup>NA</sup>,  
Total dry extract

Sulphur dioxide (total and free)

Anions: Chlorides, Sulfates

Acids: Acidity (total and fixed acidity),  
Volatile acidity (per calculation), pH <sup>NA</sup>, Total  
ascorbic acid <sup>NA</sup>, malic acid <sup>NA</sup>, tartaric acid,  
succinic acid <sup>NA</sup>, citric acid <sup>NA</sup>

Cations: Copper, Zinc, Iron, Lead <sup>NA</sup>, Lithium <sup>NA</sup>,  
Mercury <sup>NA</sup>

Alcohols: Residual alcohol content,  
Methanol,  
Sum of higher alcohols (propanol-1<sup>NA</sup>,  
butanol-2 <sup>NA</sup>, 2-methylpropanol-1 <sup>NA</sup>, butanol-  
1 <sup>NA</sup>, 2-methylbutanol-1 <sup>NA</sup>, 3-methylbutanol-1  
<sup>NA</sup>), glycerol

Non-volatile reducing substances <sup>NA</sup>

Glucose + Fructose

Acetoin

Ethyl acetate



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)).