

## PT 46a : Adulterated honeys

### Details of the PT program:

- PTS created in 2016
- **20 participants from 12 countries**
- **PTS accredited by COFRAC**
- 1 round per annual series
- the time for analysis is 4 weeks
- samples are shipped via express carrier on the 15th of the month



### Schedule:

DATE	CODE	MATRIX	WEIGHT
November	0346	Adulterated honey	200 g

ANALYTES	
<b>0346</b>	<p><b>Physico-chemical analysis :</b></p> <ul style="list-style-type: none"> <li>• Moisture content</li> <li>• Acidity</li> <li>• Electric conductivity (at 20 °C)</li> <li>• Hydroxymethylfurfural (H.M.F)</li> <li>• Diastasic activity</li> <li>• Invertase</li> <li>• Pfund index</li> <li>• Fructose</li> <li>• Glucose</li> <li>• Sucrose</li> <li>• Mannose</li> <li>• Maltose</li> <li>• Melezitose</li> <li>• Erlöse</li> <li>• Turanose</li> <li>• Trehalose</li> <li>• Isomaltose</li> <li>• Palatinose</li> <li>• Raffinose</li> <li>• Panose</li> <li>• Maltotriose</li> <li>• Proline</li> <li>• Ethanol</li> <li>• Glycerol</li> <li>• Citric acid</li> <li>• Ashes</li> <li>• Insoluble matters (in relation to raw product)</li> <li>• Calcium</li> <li>• Potassium</li> <li>• Sodium</li> <li>• Magnesium</li> <li>• Phosphorus</li> <li>• Chromium</li> <li>• Cadmium</li> <li>• Copper</li> <li>• Iron</li> <li>• Lead</li> <li>• Manganese</li> <li>• Zinc</li> </ul> <p><b>Microscopic examinations:</b></p> <ul style="list-style-type: none"> <li>• Main pollens</li> <li>• Accompanying pollens</li> <li>• Significant isolated pollens</li> <li>• Rare isolated pollens</li> <li>• Qualitative analysis of pollen</li> <li>• Presence of yeast and mould</li> </ul> <p><b>Sensory analysis:</b></p> <ul style="list-style-type: none"> <li>• Aroma: Animal, Aromatic, Chemical, Floral, Fruity, Vegetal, Warm</li> <li>• Taste: Acidity, Bitterness, Sweet</li> <li>• Smell: Animal, Aromatic, Chemical, Exogenous smell, Floral, Fruity, Vegetal, Warm</li> </ul> <p><b>Honey Authenticity <sup>NA</sup>:</b></p> <ul style="list-style-type: none"> <li>• <sup>13</sup>C on the total honey</li> <li>• <sup>13</sup>C proteins</li> <li>• Sugars C4</li> <li>• Conclusion <sup>NA</sup></li> </ul>

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)).