PT 46a: Adulterated Honey

Details of the program:

- Proficiency testing scheme created in 2016
- 12 registered laboratories from 6 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:

<table>
<thead>
<tr>
<th>DATE</th>
<th>CODE</th>
<th>MATRIX</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>November</td>
<td>0346</td>
<td>Adulterated honey</td>
<td>200 g</td>
</tr>
</tbody>
</table>

ANALYTES

Honey Authenticity:
Sugar C3<sup>NA</sup>
13C on the total honey
13C proteins
Sugar C4

Other used techniques for product checking and associated results<sup>NA</sup>

Interpretation<sup>NA</sup>

Conclusion<sup>NA</sup>

Physico-chemical analysis:

- Acidity
- Citric acid
- Diastasic activity
- Electrical conductivity
- Ethanol
- Glycerol
- Hydroxymethyl furfural (HMF)
- Moisture content
- Proline
- Reflectetric humidity<sup>NA</sup>
- Sugars: fructose, glucose, ratio fructose/glucose<sup>NA</sup>, sucrose, maltose, melezitose, erlose, turanose, trehalose, isomaltose<sup>NA</sup>, palatinose<sup>NA</sup>, raffinose<sup>NA</sup>, panose<sup>NA</sup>, maltotriose<sup>NA</sup>

Na<sup>NA</sup>, K<sup>NA</sup>, Ca<sup>NA</sup>, P<sup>NA</sup>, Mg<sup>NA</sup>, Fe<sup>NA</sup>, Zn<sup>NA</sup>, Cr<sup>NA</sup>, Cd<sup>NA</sup>, Cu<sup>NA</sup>, Pb<sup>NA</sup>, Mn<sup>NA</sup>, Zn<sup>NA</sup>

NA: Not accredited

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).