Materials List for:

Fruit Volatile Analysis Using an Electronic Nose

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Materials

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium chloride</td>
<td>MP Biomedicals</td>
<td>195088</td>
<td></td>
</tr>
<tr>
<td>2-Methylbutyl isovalerate</td>
<td>SAFC Global</td>
<td>W350613</td>
<td>≥ 98%, natural, FCC</td>
</tr>
<tr>
<td>Methanol</td>
<td>Fisher Scientific</td>
<td>A411-4</td>
<td></td>
</tr>
<tr>
<td>Vial</td>
<td>Sigma-Aldrich</td>
<td>SU860098</td>
<td></td>
</tr>
<tr>
<td>Cap</td>
<td>Sigma-Aldrich</td>
<td>SU860101</td>
<td></td>
</tr>
<tr>
<td>Laboratory blender</td>
<td>Waring Laboratory</td>
<td>7009G</td>
<td>2-speed blender; 1- Liter glass container</td>
</tr>
<tr>
<td>Bottle</td>
<td>Fisher Scientific</td>
<td>06-414-1C</td>
<td>Pyrex, 500 mL; polypropylene plug-seal</td>
</tr>
<tr>
<td>Needle</td>
<td>Electronic Sensor Technology</td>
<td>TLC101046</td>
<td>Side hole luer</td>
</tr>
<tr>
<td>Alkanes solution</td>
<td>Electronic Sensor Technology</td>
<td></td>
<td>C6-C14 alkanes solution in methanol</td>
</tr>
<tr>
<td>zNose</td>
<td>Electronic Sensor Technology</td>
<td>Model 4500</td>
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<tr>
<td>DB-5 GC column</td>
<td>Electronic Sensor Technology</td>
<td>SYS4500C5</td>
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<tr>
<td>MicroSense</td>
<td>Electronic Sensor Technology</td>
<td>Version 5.44.22</td>
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</tr>
<tr>
<td>Python 2.6</td>
<td></td>
<td></td>
<td>Freely available on-line</td>
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<tr>
<td>&quot;reform_data.py&quot; and &quot;kim_interface.py&quot; scripts</td>
<td></td>
<td></td>
<td>Scripts available as supplementary material on JoVE</td>
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</tbody>
</table>