

Materials List for:

Fruit Volatile Analysis Using an Electronic Nose

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Materials

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