Materials List for

Profiling Volatile Compounds in Blackcurrant Fruit using Headspace Solid-Phase Microextraction Coupled to Gas Chromatography-Mass Spectrometry

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Citation

Pott, D.M., Vallarino, J.G., Osorio, S. Profiling Volatile Compounds in Blackcurrant Fruit using Headspace Solid-Phase Microextraction Coupled to Gas Chromatography-Mass Spectrometry. *J. Vis. Exp.* (), e62421, doi:10.3791/62421 (2021).

Date Published

June 9, 2021

DOI

10.3791/62421

URL

jove.com/video/62421

Materials

Name	Company	Catalog Number	Comments
10 mL screw top headspace vials	Thermo Scientific	10-HSV	
18 mm screw cap Silicone/PTFE	Thermo Scientific	18-MSC	
5 mL Tube with HDPE screw cap	VWR	216-0153	
Centrifuge	Thermo Scientific	75002415	
Methanol for HPLC	Merck	34860-1L-R	
N-pentadecane (D32, 98%)	Cambridge Isotope Laboratories	DLM-1283-1	
Sodium chloride	Merck	S9888	
SPME fiber PDMS/DVB	Merck	57345-U	
Stainless grinding jars for TissueLyser	Qiagen	69985	
TissueLyser II	Qiagen	85300	Can be subsituted by mortar and pestle or cryogenic mill
Trace GC gas chromatograph-ITQ900 ion trap mass spectrometer	Thermo Scientific		
Triplus RSH autosampler with automated SPME device	Thermo Scientific	1R77010-0450	
Water for HPLC	Merck	270733-1L	
Xcalibur 4.2 SP1	Thermo Scientific		software