

Materials List for:

Preparation of *Drosophila* Larval Samples for Gas Chromatography-Mass Spectrometry (GC-MS)-based Metabolomics

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Materials

Name	Company	Catalog Number	Comments
Unsulphured blackstrap molasses	Good Food, INC		
Drosophila Agar Type II	Genesee Scientific	66-103	
Pyridine	EMD Millipore	PX2012-7	
Methoxyamine hydrochloride (MOX)	MP Biomedicals, LLC	155405	
MSTFA with 1% trimethylchlorosilane	Sigma	69478	
Fleischmann's Active dry yeast	AB Mauri Food Inc	2192	
6oz Drosophila stock bottle	Genesee Scientific	32-130	
Soft tissue homogenizing mix (2 mL tubes)	Omni International	SKU:19-627	
Vial insert, 250 µL deactivated glass with polymer feet	Agilent	5181-8872	
Succinic acid-2,2,3,3-d ₄	Sigma	293075	
SpeedVac	Thermo	SC210A	
o-Phosphoric acid	Fisher Scientific	A242-1	
Propionic acid	Sigma	P5561	
p-Hydroxy benzoic acid methyl ester	Genesee Scientific	20-258	
Bead Ruptor	Omni International	SKU:19-040E	
ThermoMixer F1.5	Eppendorf	5384000012	
MultiTherm Shaker with a 24 X 12 mm block	Benchmark Scientific	H5000	
Methanol	Sigma	34860	
1.5 mL centrifuge tube	Eppendorf	22364111	
Falcon 35 X 10 mm tissue culture dish	Corning Incorporated	353001	
GC column	Phenomex	ZB-5MSi	