

Materials List for:

The Use of Gas Chromatography to Analyze Compositional Changes of Fatty Acids in Rat Liver Tissue during Pregnancy

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Materials

Name	Company	Catalog Number	Comments
Methanol	Fisher Scientific	M/4056/17	'CAUTION' Fumes - HPLC Grade
Chloroform	Fisher Scientific	C/4966/17	'CAUTION' Fumes - HPLC Grade
BHT	Sigma- Aldrich	W218405	'CAUTION' Dust fumes - Anhydrous
NaCl	Sigma- Aldrich	S9888	Anhydrous
Hexane	Fisher Scientific	H/0406/17	'CAUTION' Fumes - HPLC Grade
Glacial acetic acid	Sigma- Aldrich	695084	'CAUTION' Burns - 99.85%
Sulfuric acid	Sigma- Aldrich	339741	'CAUTION' Burns - 99.999%
Potassium carbonate	Sigma- Aldrich	209619	99% ACS Reagent grade
Potassium bicarbonate	Sigma- Aldrich	237205	99.7% ACS Reagent grade
Ethyl acetate	Fisher Scientific	10204340	'CAUTION' Fumes - 99+% GLC Specified
Toluene	Fisher Scientific	T/2300/15	'CAUTION' Fumes
Diethyl ether	Sigma- Aldrich	309966	'CAUTION' Fumes
Nitrogen (oxygen free) cylinder	BOC	44-w	'CAUTION' Compressed gas - explosion risk
Aminopropyl silica SPE cartridges	Agilent	12102014	Cartridge - Bead mass 100 mg
Silica gel SPE cartridges	Agilent	14102010	Cartridge - Bead mass 100 mg
Molecular sieves	Sigma- Aldrich	334324	Pellets, AW-300, 1.6 mm
Glass Pasteur pipettes	Fisher Scientific	FB50251	