

Materials List for:

Analysis of Fatty Acid Content and Composition in Microalgae

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Materials

Name	Company	Catalog Number	Comments
tripentadecanoin (C15:0 TAG)	Sigma Aldrich	T4257	CAS Number 7370-46-9
TAG or FAME standards of all fatty acids expected in sample	Sigma Aldrich		
TAG or FAME standards of all fatty acids expected in sample	Lipidox		
TAG or FAME standards of all fatty acids expected in sample	Larodan		
Beadbeater	Bertin Technologies	Precellys 24	
beadbeater tubes	MP Biomedicals	Lysing matrix E 116914500	
GC-FID	Hewlett-Packar	HP6871	
GC column	Supelco	Nukol 25357	
Positive displacement pipette 100-1000µl	Mettler Toledo	MR-1000	
Positive displacement pipet tips C-1000	Mettler Toledo	C-1000	
Pipetvuller, Pi-Pump 2 ml	VWR	612-1925	
glass tubes	VWR	SCERE5100160011G1	
TUBE 16 X 100 MM BOROSILICATE 5.1 1 * 1.000	VWR	SCERE5100160011G1	
Teflon coated screw-caps	VWR	SCERKSSR15415BY10	
STUART SCIENTIFIC SB2 test tube rotator	VWR	445-2101	
Heated Evaporator/Concentrator	Cole-Parmer	YO-28690-25	