

TEST NAME	METHOD	TAT	SAMPLE REQUIRED
Fatty acid profile	AOAC 996.06	7	300g
Components:			
Monounsaturated Fat	Pentadecanoic Acid (C15:0)	5-Eicosenoic Acid (C20:1)	
Omega 3	trans-10-pentadecenoic Acid (C15:1T)	8-Eicosenoic Acid (C20:1)	
Omega 6	Pentadecenoic Acid (C15:1)	11-Eicosenoic Acid (C20:1)	
Omega 9	Palmitic Acid (C16:0)	Linolenic Acid (C18:3)	
% Fat	trans-palmitelaidic Acid (C16:1T)	Conjugated Linoleic Acid (C18:2)	
Polyunsaturated Fat	Palmitoleic Acid (C16:1)	Heneicosanoic Acid (C21:0)	
Saturated Fat	Margaric Acid (C17:0)	11, 14-Eicosadienoic Acid (C20:2)	
Trans Fat	trans-10-heptadecenoic Acid (C17:1T)	Behenic Acid (C22:0)	
Butyric Acid (C4:0)	Margaroleic Acid (C17:1)	dihomo-gamma-Linolenic Acid (C20:3)	
Pentanoic Acid (C5:0)	Stearic Acid (C18:0)	trans-Brassicidic Acid (C22:1T)	
Caproic Acid (C6:0)	trans-6-Petroselenic Acid (C18:1T)	Erucic Acid (C22:1)	
Heptanoic Acid (C7:0)	trans-Elaidic Acid (C18:1T)	11, 14, 17-Eicosatrienoic Acid (C20:3)	
Caprylic Acid (C8:0)	trans-11-Vaccenic Acid (C18:1T)	Arachidonic Acid (C20:4)	
Nonanoic Acid (C9:0)	Petroselenic Acid (C18:1)	Tricosanoic Acid (C23:0)	
Capric Acid (C10:0)	Oleic Acid (C18:1)	Docosadienoic Acid (C22:2)	
Undecanoic Acid (C11:0)	Vaccenic Acid (C18:1)	Lignoceric Acid (C24:0)	
Undecenoic Acid (C11:1)	Nonadecanoic Acid (C19:0)	Eicosapentaenoic Acid (C20:5)	
Lauric Acid (C12:0)0	trans-Linolelaidic Acid (C18:2TT)	Nervonic Acid (C24:1)	
Dodecenoic Acid (C12:1)	trans-7-Nonadecenoic Acid (C19:1T)	Docosatrienoic Acid (C22:3)	
Tridecanoic Acid (C13:0)	trans-10-Nonadecenoic Acid (C19:1T)	Docosatetraenoic Acid (C22:4)	
Tridecenoic Acid (C13:1)	Linoleic Acid (C18:2)	Docosapentaenoic Acid (C22:5 n-6)	
Myristic Acid (C14:0)	Arachidic Acid (C20:0)	Docosapentaenoic Acid (C22:5 n-3)	
trans-myristelaidic Acid (C14:1T)	gamma-Linolenic Acid (C18:3)	Docosahexaenoic Acid (C22:6)	
Myristoleic Acid (C14:1)	trans-11-Eicosenoic Acid (C20:1T)		