## Materials List for: NMR Spectroscopy as a Robust Tool for the Rapid Evaluation of the Lipid Profile of Fish Oil Supplements

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## **Materials**

Name	Company	Catalog Number	Comments
Avance III 850 NMR instrument	Bruker		
Avance III 500 NMR instrument	Bruker		
TCI 5 mm probe	Bruker		Helium cooled inverse (proton deetected) NMR probe featuring three independent channels ( <sup>1</sup> H, <sup>13</sup> C, <sup>15</sup> N)
BBO prodigy 5 mm probe	Bruker		Nitrogen cooled observe (X-nuclei detected) probe, featuring two channels; one for <sup>1</sup> H and <sup>19</sup> F detectionand one for X-nuclei (covering from <sup>15</sup> N to <sup>31</sup> P)
Spinner turbin	Bruker		NMR spinners are made by polymer materials and they have a rubber o-ring to hold the NMR tube securely in place
Topspin 3.5	Bruker		
deuterated chloroform	Sigma-Aldrich	865-49-6	99.8 atom % D, contains 0.03 TMS
2,6-Di-tert-butyl-4-methylphenol	Sigma-Aldrich	128-37-0	purity>99%
Fish oil samples			
NMR tubes	New Era	NE-RG5-7	5mm OD Routine "R" Series NMR Sample Tube
BSMS	Bruker		Bruker Systems Management System; control system device