

Materials List for

# Self-Nanoemulsification of Healthy Oils to Enhance the Solubility of Lipophilic Drugs

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## Materials

Name	Company	Catalog Number	Comments
Ammonium acetate	Sigma-Aldrich, Germany	A1542	Analytical grade
Capryol PGMC	Gattefossé, France	RT9P9S09QI	Analytical grade
Design Expert Software	StatEase, United States	Version 12.0.3.0	Analytical software (freely available for subscription)
Dialysis tubing (12,000 Daltons MWCO)	Visking, UK	12000.02.30	Pure regenerated natural cellulose membranes with 12,000 Daltons MWCO
Dissolution apparatus	Memmert, Germany	SV 1422	USP type II dissolution apparatus
Ethanol	Honeywell, Germany	24194	Analytical grade
Fish oil	Wilshire Labs Pvt(Ltd), Pakistan	not applicable	Received as gift sample.
Hydrochloric acid	BDH Laboratories Ltd, UK	BDH3036-54L	Analytical grade
Methanol	Honeywell, Germany	34966	Analytical grade
Refrigerator (Pharmaceutical)	Panasonic, Pakistan	MPR-161 DH-PE	Refrigerator for storage at 4 °C
Rosuvastatin calcium	Searle Pharmaceuticals Pvt(Ltd) Pakistan	not applicable	Received as gift sample.
Sodium Hydroxide	Honeywell, Germany	38215	Analytical grade
Span 80	BDH Laboratories Ltd, UK	MFCD00082107	Analytical grade
Triplot Software	MS Excel spreadsheet developed by Tod Thompson	Triplot Ver. 4.1.2	Analytical software (freely available)
Tween-80	Sigma-Aldrich, Germany	P1754-500ML	Analytical grade
UV-Vis spectrophotometer	Dynamica, UK	Halo DB-20	Double beam spectrophotometer
Water Bath	Memmert, Germany	WNB 7	Water bath for heating up to 70 °C