

CERTIFICATE OF ANALYSIS**The Product Is For Research Only, Not For Human Use!**

DESCRIPTION:	Exosome Mimicking Liposomes
Catalogue #:	FEM072101
BATCH #:	10102202
EXPIRATION:	6 months (from date received)
LIPID COMPOSITION:	DOPC/DOPS/DOPE/SM/CHOL (21:14:17.5:17.5:30 mol/mol)
ANALYTICAL DATA:	
Total lipid conc.:	1.0 ± 0.1 mM (1.2 ± 0.1 mg/mL)
DOPC:	0.21 mM (0.16 mg/mL)
DOPS:	0.14 mM (0.23 mg/mL)
DOPE:	0.18 mM (0.26 mg/mL)
SM:	0.18 mM (0.25 mg/mL)
CHOL:	0.30 mM (0.23 mg/mL)
Particle size	Z-average: 103 ± 1.6 nm; PDI: 0.25 ± 0.02 (by Zetasizer)
Bulk solution:	PBS pH 7.2
FORM/COLOR:	Translucent, free flow liposomes. No visible particles/aggregates with naked eye or under microscope
DOPC: 1,2-dioleoyl-sn-glycero-3-phosphocholine	
DOPS: 1,2-dioleoyl-sn-glycero-3-phospho-L-serine	
DOPE: 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine	
SM: sphingomyelin (egg)	
CHOL: cholesterol	