



Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
414872	DSPC	C21M02C04

Chemical name	
1,2-Distearoyl-sn-glycero-3-phosphocholine	
Synonyms	
DSPC; 1,2-Distearoyl-sn-glycero-3-PC	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 414872 Name: DSPC CAS#: 816-94-4 Lot#: C21M02C04 Chemical Formula: C ₄₄ H ₈₈ NO ₈ P Exact Mass: 789.6248 Molecular Weight: 790.16

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity	>98.0%
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE