

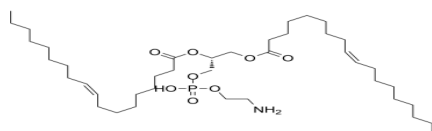
Certificate of Analysis

Product Name: DOPE (1,2-Dioleoyl-sn-glycero-3-phosphoethanolamine)
Cat. No.: GC39468
Batch No.: 7
Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 4004-05-1
Molecular Formula: $C_{41}H_{78}NO_8P$
Molecular Weight: 744.03
Storage: Store at -20°C

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA