

Certificate of Analysis



Product Name: m-dPEG[®]₈-DSPE
SKU Number: QBD-11024
Lot Number: AF1-A0805-025
Molecular Weight: 1142.54

ASSAY	SPECIFICATION	LOT DATA
Appearance	Off-white to white solid	White solid
¹ H NMR (Structural)	Consistent with structure	Consistent with structure
¹ H NMR (Purity)*	>95%	98.7%
HPLC-ELSD (Purity)**	>96%	99.5%

*Determined by quantitative ¹H NMR using an internal standard. Purity is the mean of three (3) independent samples.

**Determined by RP-HPLC using Evaporative Light-Scattering Detection (ELSD). Purity is the mean of three (3) independent samples.

This document certifies that Lot AF1-A0805-025 was analyzed and released by Vector Laboratories Quality Control on October 7, 2024, and was found to meet the currently established test parameters.

Dave Schory, M.S.
QC Manager

Vector Laboratories certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.