

Certificate of Analysis



Product Name: Azido-dPEG[®]₂₄-amido-dPEG[®]₂₄-DSPE
SKU Number: QBD-11177
Lot Number: JS1-A4805-002
Molecular Weight: 3030.78

ASSAY	SPECIFICATION	LOT DATA
Appearance	Off-white to white solid	Off-white solid
¹ H NMR (Structural)*	Consistent with structure	Consistent with structure
MS (Identity)**	Consistent with structure	Consistent with structure
HPLC-ELSD (Purity)***	>98%	98.2%

*Determined by quantitative ¹H NMR through the intramolecular comparison of integral peak areas.

**Determined by MS through the observation of expected m/z ions.

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

This document certifies that Lot JS1-A4805-002 was analyzed and released by Vector Laboratories Quality Control on September 12, 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.