

## Certificate of Analysis



**Product Name:** m-dPEG®4-Lipoamide  
**SKU Number:** QBD-10799  
**Lot Number:** JS1-A0406-044  
**Molecular Weight:** 395.57

ASSAY	SPECIFICATION	LOT DATA
Appearance	Pale yellow to yellow oil	Yellow oil
<sup>1</sup> H NMR (Structural)	Consistent with structure	Consistent with structure
<sup>1</sup> H NMR (Purity)*	>95%	>99.5%
HPLC-ELSD (Purity)**	>98%	99.9%

\*Determined by quantitative <sup>1</sup>H 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 JS1-A0406-044 was analyzed and released by Vector Laboratories Quality Control on February 14, 2025, and was found to meet the currently established test parameters.

A handwritten signature in blue ink, appearing to read 'Dave Schory', written in a cursive style.

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.*