

# Certificate of Analysis




**Product Name:** dPEG<sup>®</sup><sub>48</sub>-biotin acid  
**SKU Number:** QBD-10776  
**Lot Number:** JG1-A4805-013  
**Molecular Weight:** 2501.01

ASSAY	SPECIFICATION	LOT DATA
Appearance	White solid	White solid
1H NMR (Structural)	Consistent with structure	Consistent with structure
HPLC-ELSD (Purity)**	>98%	99.1%

\*Determined by quantitative <sup>1</sup>H NMR through intramolecular comparison of peak integrals.

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

This document certifies that Lot JG1-A4805-013 was analyzed and released by Vector Laboratories Quality Control on April 11, 2024, and was found to meet the currently established test parameters.

Quality Approval: 

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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.*