

Certificate of Analysis



Product Name: NHS-dPEG[®]₁₂-biotin
SKU Number: QBD-10198
Lot Number: JS1-A1205-044
Molecular Weight: 941.10

ASSAY	SPECIFICATION	LOT DATA
Appearance	Off-white to white semi-solid	Off-white semi-solid
¹ H NMR (Structural)	Consistent with structure	Consistent with structure
¹ H NMR (Purity)*	>95%	97.5%
HPLC-ELSD (Purity)**	>98%	98.3%

*Determined by quantitative ¹H NMR using an internal standard. Purity is the mean of two (2) 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-A1205-044 was analyzed and released by Vector Laboratories Quality Control on April 20, 2022, and was found to meet the currently established test parameters. This lot was retested on December 13, 2024, and was still found to meet the currently established parameters. This is an updated version of the original Certificate of Analysis.

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.