

Certificate of Analysis



Product Name: Bis dPEG[®]₉-NHS ester
SKU Number: QBD-10246
Lot Number: AF1-A0905-005
Molecular Weight: 708.71

ASSAY	SPECIFICATION	LOT DATA
Appearance	Colorless to pale yellow oil (may be semi-solid to solid under storage conditions)	Pale yellow oil
¹ H NMR (Structural)	Consistent with structure	Consistent with structure
¹ H NMR (Purity)*	>95%	96.1%
HPLC-ELSD (Purity)**	>97%	98.8%

*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-A0905-005 was analyzed and released by Vector Laboratories Quality Control on February 25, 2022, and was found to meet the currently established test parameters. This lot was retested on December 20, 2022, July 18, 2024, and September 26, 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.