

Certificate of Analysis



Product Name: m-dPEG[®]₁₂-NHS ester
SKU Number: QBD-10262
Lot Number: AF1-A1205-071
Molecular Weight: 685.76

ASSAY	SPECIFICATION	LOT DATA
Appearance	Colorless to pale yellow liquid (may solidify under storage conditions)	Pale yellow liquid
¹ H NMR (Structural)	Consistent with structure	Consistent with structure
¹ H NMR (Purity)*	>95%	>99.5%
HPLC-ELSD (Purity)**	>98%	99.6%

*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-A1205-071 was analyzed and released by Vector Laboratories Quality Control on November 15, 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.