

Certificate of Analysis



Product Name: m-dPEG[®]₁₂-TFP ester
SKU Number: QBD-10306
Lot Number: AF1-A1205-069
Molecular Weight: 736.75

| ASSAY | SPECIFICATION | LOT DATA |
|---------------------------------|---------------------------|---------------------------|
| Appearance | White solid | White solid |
| ¹ H NMR (Structural) | Consistent with structure | Consistent with structure |
| ¹ H NMR (Purity)* | >95% | >99.5% |
| HPLC-ELSD (Purity)** | >98% | 99.9% |

*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-A1205-069 was analyzed and released by Vector Laboratories Quality Control on July 16, 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.