

Certificate of Analysis



Product Name: Bis-dPEG[®]₄-TFP ester
SKU Number: QBD-10085
Lot Number: JS1-A0406-034
Molecular Weight: 590.42

ASSAY	SPECIFICATION	LOT DATA
Appearance	Colorless to pale yellow oil	Colorless oil
1H NMR (Structural)	Consistent with structure	Consistent with structure
1H 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 JS1-A0406-034 was analyzed and released by Vector Laboratories Quality Control on May 24, 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.