

Certificate of Analysis



Product Name: MAL-dPEG[®]₁₂-Tris(-dPEG[®]₂₄-acid)₃
SKU Number: QBD-11451
Lot Number: AF1-B1205-003
Molecular Weight: 4473.21

ASSAY	SPECIFICATION	LOT DATA
Appearance	Off-white to white solid	White solid
¹ H NMR (Structural)*	Consistent with structure	Consistent with structure
HPLC-ELSD (Purity)**	>95%	95.4%

*Determined by quantitative ¹H NMR through the intramolecular comparison of integral peak areas.

**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-B1205-003 was analyzed and released by Vector Laboratories Quality Control on December 4, 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.