

Certificate of Analysis



Product Name: DOTA-tris(acid)-amido-dPEG[®]₄ TFP ester
SKU Number: QBD-11160
Lot Number: JS1-A0406-042
Molecular Weight: 1027.82

| ASSAY | SPECIFICATION | LOT DATA |
|----------------------------------|---------------------------|---------------------------|
| Appearance | Off-white to white solid | White solid |
| ¹ H NMR (Structural)* | Consistent with structure | Consistent with structure |
| MS (Identity) | Consistent with structure | Consistent with structure |
| HPLC-ELSD (Purity)** | >97% | 97.6% |

*Determined by quantitative ¹H NMR through 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 JS1-A0406-042 was analyzed and released by Vector Laboratories Quality Control on July 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.