

Certificate of Analysis



Product Name: DOTA tris(acid)-amido-dPEG[®]₃-bromoacetamide
SKU Number: QBD-11150
Lot Number: JS1-A0305-027
Molecular Weight: 927.64

ASSAY	SPECIFICATION	LOT DATA
Appearance	White to pale yellow solid	Pale yellow solid
1H NMR (Structural)*	Consistent with structure	Consistent with structure
ESI MS (Identity)	One of the following ions must be present: [M- ⁷⁹ Br+H] 699.3 ± 1.0 [M- ⁷⁹ Br+Na] 721.2 ± 1.0 [M- ⁸¹ Br+H] 701.3 ± 1.0 [M- ⁸¹ Br+Na] 723.2 ± 1.0	[M- ⁸¹ Br+H] = 701.3 m/z
HPLC-ELSD (Purity)**	>95%	97.5%

*Determined by quantitative ¹H NMR using an 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-A0305-027 was analyzed and released by Vector Laboratories Quality Control on May 23, 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.