

Certificate of Analysis



Product Name: HQ-dPEG[®]₈-NHS ester
SKU Number: QBD-15117
Lot Number: JG1-A0805-028
Molecular Weight: 710.73

ASSAY	SPECIFICATION	LOT DATA
Appearance	Yellow solid	Yellow solid
¹ H NMR (Structural)*	Consistent with structure	Consistent with structure
ESI Mass Spec (Identity)	One of the following must be present: 711±0.5 [M+H] or 733±0.5 [M+Na]	711.3 m/z [M+H]
HPLC-ELSD (Purity)**	>95%	99.4%

*Determined by quantitative ¹H NMR through intramolecular comparison of peak integrals.

**Determined by RP-HPLC using Evaporative Light-Scattering Detection (ELSD). Purity is the mean of three (3) independent samples.

This document certifies that Lot JG1-A0805-028 was analyzed and released by Vector Laboratories Quality Control on April 19, 2024, and was found to meet the currently established test parameters.

Quality Approval:

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.