

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-15 13:29:23  
Date of Next Testing: 2025-07-14 13:29:23  
Product Name: **DSPE PEG, mPEG-DSPE**  
CAS Number: 147867-65-0  
Specifications & Purity: MW 5000 Da  
Lot #: G2211035  
SKU #: **D163638**  
**Analysis:** **039639**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager