

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-12 22:19:18

Date of Next Testing: 2026-03-11 22:19:18

Product Name: **11H-Perfluoroundecanoyl chloride**

CAS Number: 2248-93-3

Specifications & Purity: $\geq 94\%$

Lot #: C2304867

SKU #: **H332914**

Version: **1**

Analysis #: **153661**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	94-100 (%)	98.60 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to structure	Conforms to Structure

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

John Su
QA & QC Manager