

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 10:47:45

Date of Next Testing: 2027-05-17 10:47:45

Product Name: **3,6,9-Trioxaundecanedioic acid**

CAS Number: 13887-98-4

Specifications & Purity: technical grade , 70%

Lot #: E2305772

SKU # **T113973**

Analysis: 099590

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	9.90 %
Assay(T)	70-100 (%)	90.60 %
Refractive index n ₂₀ /D	1.468-1.472	1.47
Appearance (T113973)	Colorless liquid or viscous liquid	Colorless liquid or viscous liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager