QualityAssurance@aladdinsci.com
ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-12-18 14:56:35
Date of Next Testing:	2026-12-18 14:56:35
Product Name:	**4-Pentenoyl chloride**
CAS Number:	39716-58-0
Specifications & Purity:	≥97%
Lot #:	C2310333
SKU #	**P278805**
Version	**1**
Analysis #:	**446596**
Storage Temperature:	Store at 2-8°C,Argon charged

Parameter	**Limit Values**	**Result**
Purity(GC)	97-100（%）	99.63 %
Purity (Titration by NaOH)	96.5-103.5（%）	96.60 %
Appearance(P278805)	Colorless to Yellow to Light Brown Liquid	Colorless to Yellow to Light Brown Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager