

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-09 15:44:16

Date of Next Testing: 2026-05-08 15:44:16

Product Name: **1-Acetyl-2-pyrrolidone**

CAS Number: 932-17-2

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: G1804068

SKU #: **A151305**

Version: **0**

Analysis #: **089645**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.30000 %
Refractive index n ₂₀ /D	1.481-1.485	1.48200
Appearance (A151305)	Colorless to light yellow liquid	Colorless to light yellow 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