

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-09-29 10:27:21

Date of Next Testing: 2025-09-28 10:27:21

Product Name: **N-Acetyl- $\epsilon$ -caprolactam**

CAS Number: 1888-91-1

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

Lot #: I2124329

SKU # **N159775**

Version **0**

**Analysis #:** **040386**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                     | 1.099-1.105                      | 1.10300                          |
| Purity(GC)                         | 98-100 (%)                       | 98.44000 %                       |
| Refractive index n <sub>20/D</sub> | 1.487-1.49                       | 1.48790                          |
| Appearance (N159775)               | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager