

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-24 19:15:41

Date of Next Testing: 2028-09-23 19:15:41

Product Name: **1-Ethyl-2-pyrrolidinone(NEP)**

CAS Number: 2687-91-4

Specifications & Purity: $\geq 99\%$

Lot #: I2420380

SKU # **E101635**

Version **0**

Analysis #: **372478**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.80000 %
γ -Butyrolactone	0-0.1 (%)	0.10000 %
amine	0-0.1 (%)	0.10000 %
Water by Karl Fischer	0-0.1 (%)	0.10000 %
Appearance (E101635)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager