



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-12 13:20:01

Date of Next Testing: 2030-08-11 13:20:01

Product Name: **2-Pyrrolidinone**

CAS Number: 616-45-5

Specifications & Purity: $\geq 99\%$

Lot #: H2605051

SKU #: **P112692**

Version: **1**

Analysis #: **167508**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.89200 %
Density (25°C)	1.103-1.121	1.10800
Water by Karl Fischer	0-0.2 (%)	0.10000 %
Refractive index n ₂₀ /D	1.486-1.488	1.48800
Appearance (P112692)	colorless to light yellow liquid or semisolid	colorless to light yellow liquid or semisolid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager