

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-22 13:43:11

Date of Next Testing: 2028-10-21 13:43:11

Product Name: **4-Acetylmorpholine**

CAS Number: 1696-20-4

Specifications & Purity: $\geq 98\%$

Lot #: J2418712

SKU #: **A112972**

Version **0**

Analysis #: **368531**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.61 %
Refractive index n _{20/D}	1.482-1.485	1.48
Density (20°C)	1.115-1.118	1.12
Appearance (A112972)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager