

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-18 11:40:38
Date of Next Testing: 2026-02-17 11:40:38
Product Name: **Ethyl 4-oxo-1-piperidinecarboxylate**
CAS Number: 29976-53-2
Specifications & Purity: 98%
Lot #: D1813169
SKU #: **E109371**
Analysis: **075076**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.43 %
Water by Karl Fischer	0-0.5 (%)	0.35 %
Density (20°C)	1.137-1.14	1.14
Refractive index n ₂₀ /D	1.474-1.477	1.48
Appearance (E109371)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager