

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-26 09:48:13
Date of Next Testing: 2026-12-16 09:48:13
Product Name: **Pyruvic acid**
CAS Number: 127-17-3
Specifications & Purity: $\geq 98\%$ (T)
Lot #: L2424536
SKU #: **P104138**
Version: **1**
Analysis #: **442325**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1.5 (%)	1.25440 %
Purity (Titration by NaOH)	97.5-102.5 (%)	99.73000 %
Refractive index n ₂₀ /D	1.425-1.43	1.43000
Purity(GC)	96-100 (%)	96.58240 %
Density (20°C)	1.267-1.275	1.26710
Appearance (P104138)	Colorless to Light Yellow or Yellow-Green Liquid	Colorless to Light Yellow or Yellow-Green Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager