

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-21 15:11:55
Date of Next Testing: 2027-05-11 15:11:55
Product Name: **Pyruvic acid**
CAS Number: 127-17-3
Specifications & Purity: $\geq 98\%$ (T)
Lot #: F2308460
SKU #: **P104138**
Version: **1**
Analysis #: **513862**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.267-1.275	1.27
Water by Karl Fischer	0-1.5 (%)	1.28 %
Purity (Titration by NaOH)	97.5-102.5 (%)	100.12 %
Refractive index n ₂₀ /D	1.425-1.43	1.43
Purity(GC)	96-100 (%)	98.08 %
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