

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-21 16:31:37

Date of Next Testing: 2024-10-10 16:31:37

Product Name: **Pyruvic acid**

CAS Number: 127-17-3

Specifications & Purity: $\geq 96\%$ (T)

Lot #: A2109031

SKU #: **P104136**

Version: **1**

Analysis #: **147232**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(Iodometric Titration)	95.5-104.5 (%)	99.50800 %
Purity(GC)	94-100 (%)	97.52100 %
Refractive index n ₂₀ /D	1.425-1.43	1.42800
Density (20°C)	1.267-1.275	1.26900
Appearance (P104136)	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