

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-24 16:15:33  
Date of Next Testing: 2024-01-14 16:15:33  
Product Name: **Pyruvic acid**  
CAS Number: 127-17-3  
Specifications & Purity: 96%(T)  
Lot #: C2030039  
SKU #: **P104136**  
**Analysis:** **069773**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(Iodometric Titration)	95.5-104.5 (%)	99.88 %
Purity(GC)	94-100 (%)	98.02 %
Refractive index n <sub>20</sub> /D	1.425-1.43	1.43
Density (20°C)	1.267-1.275	1.27
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