

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-22 16:55:10
 Date of Next Testing: 2024-11-11 16:55:10
 Product Name: **Pyruvic acid**
 CAS Number: 127-17-3
 Specifications & Purity: $\geq 96\%$ (T)
 Lot #: K22171009
 SKU #: **P104136**
 Version: **1**
 Analysis #: **158586**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(Iodometric Titration)	95.5-104.5 (%)	99.85000 %
Purity(GC)	94-100 (%)	96.71400 %
Refractive index n ₂₀ /D	1.425-1.43	1.43000
Density (20°C)	1.267-1.275	1.26800
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