

## Certificate of Analysis

Date of Testing: 2024-12-23 17:19:56  
Date of Next Testing: 2026-12-13 17:19:56  
Product Name: **Pyruvic acid**  
CAS Number: 127-17-3  
Specifications & Purity:  $\geq 96\%$ (T)  
Lot #: L2418507  
SKU #: **P104136**  
Version: **1**  
Analysis #: **453724**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(Iodometric Titration)	95.5-104.5 (%)	99.21%
Purity(GC)	94-100 (%)	98.41%
Refractive index n <sub>20</sub> /D	1.425-1.43	1.43
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