

Certificate of Analysis

Date of Testing: 2023-12-13 14:51:17
Date of Next Testing: 2025-12-02 14:51:17
Product Name: **Pyruvic acid**
CAS Number: 127-17-3
Specifications & Purity: 98%(T)
Lot #: L2312020
SKU #: **P104138**
Analysis: **227190**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1.5 (%)	1.28 %
Purity (Titration by NaOH)	97.5-102.5 (%)	100.12 %
Sulfate Ash	0-0.01 (%)	0.00 %
Purity(GC)	96-100 (%)	98.08 %
Density (20°C)	1.267-1.275	1.27
Refractive index n ₂₀ /D	1.425-1.43	1.43
Appearance (P104138)	Colorless to Light Yellow or Yellow-Green	Colorless to Light Yellow or Yellow-Green
	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager