

Certificate of Analysis

Date of Testing: 2022-06-16 13:46:46

Date of Next Testing: 2024-06-05 13:46:46

Product Name: **Pyruvic acid**

CAS Number: 127-17-3

Specifications & Purity: 98%(T)

Lot #: H2017072

SKU #: **P104138**

Analysis: **100785**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.267-1.275	1.27
Water by Karl Fischer	0-1.5 (%)	0.72 %
Purity (Titration by NaOH)	97.5-102.5 (%)	98.77 %
Refractive index n ₂₀ /D	1.425-1.43	1.43
Sulfate Ash	0-0.01 (%)	0.00 %
Purity(GC)	96-100 (%)	97.90 %
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