

Certificate of Analysis

Date of Testing: 2023-05-08 09:47:16

Date of Next Testing: 2025-04-27 09:47:16

Product Name: **Pyruvic acid**

CAS Number: 127-17-3

Specifications & Purity: 98%(T)

Lot #: E2305079

SKU #: **P104138**

Analysis: **133759**

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-1.5 (%)	0.73 %
Purity (Titration by NaOH)	97.5-102.5 (%)	100.24 %
Sulfate Ash	0-0.01 (%)	0.01 %
Density (20°C)	1.267-1.275	1.27
Refractive index n _{20/D}	1.425-1.43	1.43
Purity(GC)	96-100 (%)	98.73 %
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