

Certificate of Analysis

Date of Testing: 2022-08-20 11:32:38

Date of Next Testing: 2024-08-09 11:32:38

Product Name: **Pyruvic acid**

CAS Number: 127-17-3

Specifications & Purity: 98%(T)

Lot #: H2218100

SKU #: **P104138**

Analysis: **054647**

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 (%)	1.26 %
Purity (Titration by NaOH)	97.5-102.5 (%)	97.96 %
Refractive index n ₂₀ /D	1.425-1.43	1.43
Sulfate Ash	0-0.01 (%)	0.01 %
Purity(GC)	96-100 (%)	96.21 %
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



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QA & QC Manager