



Version	01
Molecular weight	88.06
Quality Test / Release Date	07/29/2021
Molecular Formula	C ₃ H ₄ O ₃
CAS No	127-17-3
Linear Formula	CH ₃ COCO ₂ H
Flash Point (°C)	82

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	13214	Quality Test / Release Date	07/29/2021
Lot Number	A0425379	Suggested retest date	07/29/2022
Description	Pyruvic acid, 98%, extra pure		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	Clear colorless to yellow to amber	Clear yellow
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms	Conforms
Refractive index	1.4260 to 1.4320 (20°C, 589 nm)	1.4320 (20°C, 589 nm)
Specific gravity	(20°C) 1.240 to 1.280	(20°C) 1.273
Titration with NaOH	97.5 to 102.5 %	99.1 %
GC		99.6 %



A handwritten signature in black ink, appearing to read "C. Wygaerts", is shown above the printed name.

C. Wygaerts, QA Manager

Issued: 07-30-2021

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