



Version	01
Molecular weight	98.10
Quality Test / Release Date	05/16/2017
Molecular Formula	C <sub>5</sub> H <sub>6</sub> O <sub>2</sub>
CAS No	6089-09-4
Linear Formula	HC~2CCH2CH2CO2H
Flash Point (°C)	75

## 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.

<b>Catalog Number</b>	21373	<b>Quality Test / Release Date</b> 05/16/2017
<b>Lot Number</b>	A0384123	
<b>Description</b>	4-Pentynoic acid, 95%	
<b>Country of Origin</b>	UNITED STATES OF AMERICA	
<b>Declaration of Origin</b>	synthetic	

<b>BSE/TSE comment</b>	
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<b>Chemical Comment</b>	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White to yellow to beige to light brown	Yellow
Appearance (Form)		Crystalline powder or flakes and/or chunks	Crystalline powder
Infrared spectrum		Authentic	Authentic
Melting point		54°C to 60°C	54°C
GC		>=94 %	98.6 %



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 11-18-2019

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