



Version	00
Molecular weight	98.14
Quality Test / Release Date	08/27/2020
Molecular Formula	C <sub>2</sub> H <sub>3</sub> K O <sub>2</sub>
CAS No	127-08-2
Linear Formula	CH <sub>3</sub> CO <sub>2</sub> K
Flash Point (°C)	>250

## 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>	39712	<b>Quality Test / Release Date</b>	08/27/2020
<b>Lot Number</b>	344354	<b>Suggested retest date</b>	08/27/2023
<b>Description</b>	Acetic acid, potassium salt, 99+%, for molecular biology		
<b>Country of Origin</b>	CHINA		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder or crystals	Crystalline powder
Infrared spectrum	Conforms	Conforms
Titration with HClO <sub>4</sub>	≥99.0 % (On dry substance)	99.0 % (On dry substance)
Loss on drying	≤2 %	0.4 %
Heavy metals (as Pb)	≤4 ppm	2 ppm
Dnase, Rnase, Protease activity	None detected	None detected
NMR (1H-NMR)		Consistent with structure



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

C. Wygaerts, QA Manager

Issued: 08-31-2020

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