

Version	01
Molecular weight	112.06
Molecular Formula	C3 H5 Na O3
CAS No	867-56-1
Linear Formula	CH3CH(OH)CO2Na
Flash Point (°C)	

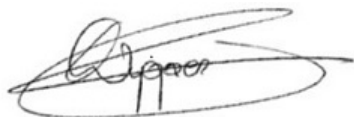
Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	25030	Quality Test / Release Date	04/16/2024
Lot Number	A0452190	Suggested retest date	04/16/2026
Description	L-Lactic acid, sodium salt, 60 wt% solution in water		
Country of Origin	BELGIUM		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Form)	Clear viscous liquid	Clear viscous liquid
Color scale	=<50 APHA	20 APHA
Refractive index	1.4220 to 1.4250 (20°C, 589 nm)	1.4244 (20°C, 589 nm)
Density	(20°C) 1.32 to 1.34 g/ml	(20°C) 1.33 g/ml
Titration with HCl	59 to 61 %	59.9 %
Sodium (Na)	12.1 to 12.6 %	12.6 %
Isomer	>=97 % L(+) (Stereochemical purity)	>=97 % L(+) (Stereochemical purity)
pH	6.5 to 8.5	8.1
Heavy metals (as Pb)	=<10 ppm	=<2 ppm
Iron (Fe)	=<10 ppm	=<10 ppm
Chloride (Cl)	=<50 ppm	=<50 ppm
Sulfate (SO4)	=<20 ppm	=<20 ppm



C. Wygaerts, QA Manager

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