



Version	01
Molecular weight	118.13
Quality Test / Release Date	04/10/2022
Molecular Formula	C5 H10 O3
CAS No	17407-55-5
Linear Formula	CH3CH(CH3)CH(OH)COOH
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	26990	Quality Test / Release Date	04/10/2022
Lot Number	A0412954	Suggested retest date	04/10/2027
Description	(S)-(+)-2-Hydroxy-3-methylbutanoic acid,99+%		
Country of Origin	SWITZERLAND		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder or crystals	Powder
Infrared spectrum	Conforms	Conforms
Melting point	65°C to 70°C	66.2°C
Titration with NaOH	>=99.0 %	100.8 %
GC	>=99.0 %	99.7 %
Specific optical rotation	+15° to +19° (24°C, 589 nm) (c=2, CHCl3)	+17.6° (24°C, 589 nm) (c=2, CHCl3)



C. Wygaerts, QA Manager

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