Certificate of Analysis

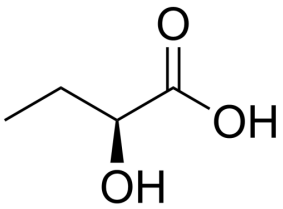
(S)-2-Hydroxybutanoic acid

Cat. No.:	HY-W018499
CAS No.:	3347-90-8
Batch No.:	178720
Chemical Name:	Butanoic acid, 2-hydroxy-, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_4H_8O_3$		
Molecular Weight:	**104.11**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Off-white to light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥96.0%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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