Certificate of Analysis

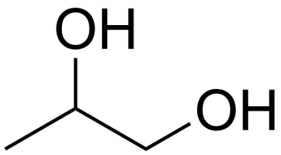
(±)-1,2-Propanediol

Cat. No.:	HY-Y0921
CAS No.:	57-55-6
Batch No.:	319501
Chemical Name:	1,2-Propanediol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_3H_8O_2$		
Molecular Weight:	**76.09**		
Storage:	Pure form	-20°C	3 years
		4°C	2 years

Chemical Structure:



ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (GC):	**99.98%**
Water(KF):	0.32%
Optical Rotation:	-0.11° (C=1.00 g/100ml, CHCL3)
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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