Certificate of Analysis

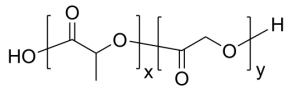
PLGA (50:50)

Cat. No.:	HY-B2247
CAS No.:	34346-01-5
Batch No.:	283933
Chemical Name:	Propanoic acid, 2-hydroxy-, polymer with 2-hydroxyacetic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_5H_8O_5$		
Molecular Weight:	**10000-20000**		
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:	White to off-white (Solid)
Assay:	99.31%
Lactide/Glycolide:	50:50
Viscosity:	0.105 DL/g
Heavy metals:	4.29 ppm
Residue on ignition(Sulphated ash):	0.079%
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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