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Product Specification

Product Name:

Poly(D,L-lactic-*co*-glycolic acid) (PLGA)

CAS Registry Number:

26780-50-7

DL-lactide: Glycolide Ratio:

50/50 molar

Formula:

$(C_6H_8O_4 * C_4H_4O_4)_n$

Test	Method	Specification
Appearance (Color)	Visual	White to light tan
Identification	FTIR	Conforms to reference
D,L-lactide content	HNMR	47 - 53 mol%
Glycolide content	HNMR	53 - 47 mol%
Inherent viscosity	CHCl ₃ , 25°C, 1.0 g/dl	0.16 - 0.24 dl/g
Residual Monomer	GC	max. 2 wt. %
Acid Number	Titration	max. 1 mg KOH/g