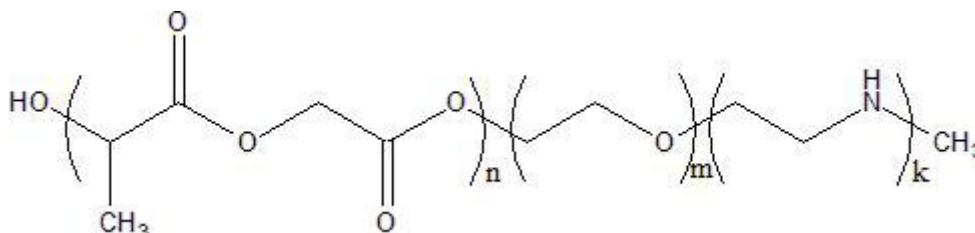


Certificate of Analysis

General properties:

Product Name: PLGA-PEG-PEI PLGA LA/GA: 50:50, 75:25
 Molecular Weight: PEG MW:1000/2000/3400/5000/10000/20000 Dalton
 PEI MW:600/1200/2000/2500/10000/25000 Dalton
 PLGA MW:1000/2000/3000/5000/8000/10000/15000/20000 Dalton
 Catalog Number: R-PL2016
 Lot Number: RO0176334

Product Structure:



Product Specifications:

Items	Specification	Results
Appearance	Solid powder or viscous liquid	Solid powder or viscous liquid
¹ H NMR	Identical to the structure	Identical to the structure
PDI	<1.6	<1.6

Date of Analysis: 2017.10.11

Recommended Retest date: 2018.10.10

Recommended Storage: -20°C in the dark

Stability: 1 year

This product is for research use only, Not for human or animal use