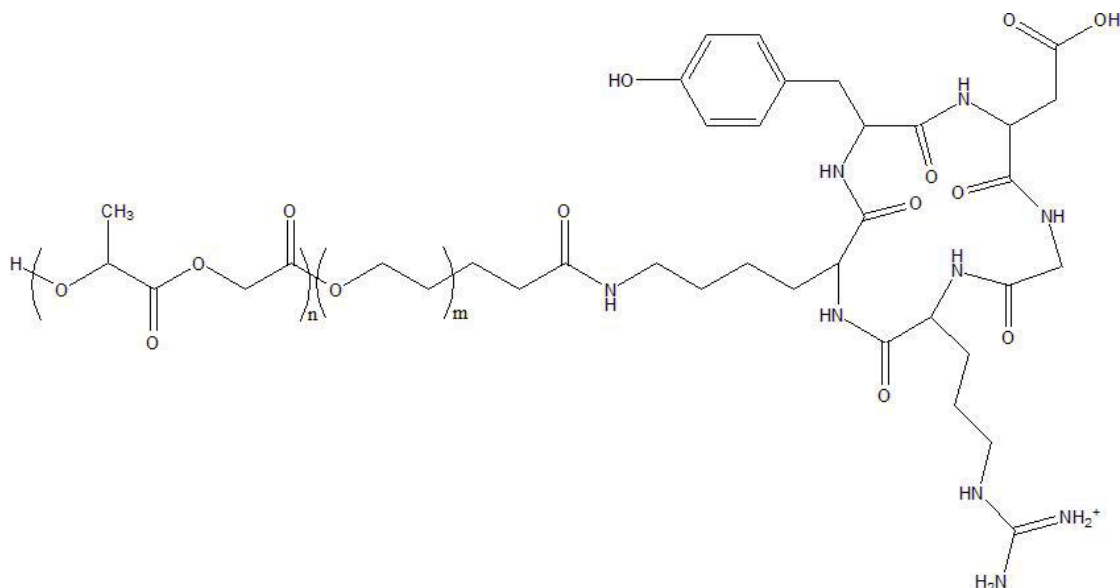


## Certificate of Analysis

### General properties:

Product Name: PLGA-PEG-cRGD PLGA LA/GA: 50:50, 75:25  
 Molecular Weight: PEG MW:550/750/1000/2000/3400/5000/10000 Dalton  
 PLGA MW:1000/2000/5000/7000/10000/15000/20000/25000/30000/35000/40000 Dalton  
 Catalog Number: R-PL1020  
 Lot Number: RA01703121

### Product Structure:



### Product Specifications:

| Items                       | Specification                           | Results                                 |
|-----------------------------|---|---|
| Appearance                  | Off-white/brown solid or viscous liquid | Off-white/brown solid or viscous liquid |
| <sup>1</sup> H NMR          | Identical to the Structure              | Identical to the Structure              |
| PDI                         | <1.3                                    | <1.3                                    |
| Substitution of cRGD by NMR | >90%                                    | >90%                                    |



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Date of Analysis: 2017.08.26

Recommended Retest date: 2018.08.25

Recommended Storage: -20°C , protected from light and moisture

Stability: 1 year

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