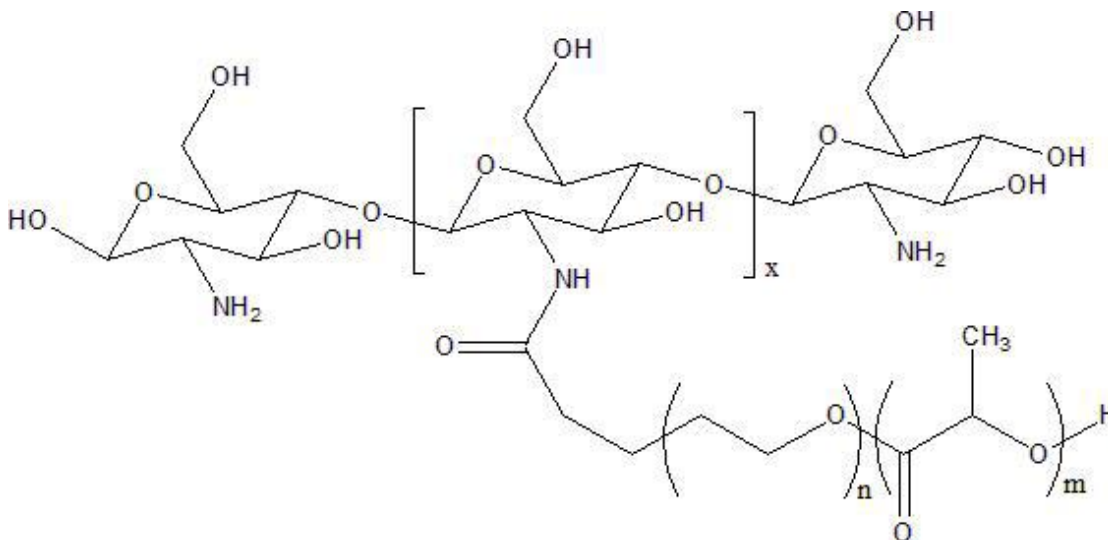


Certificate of Analysis

General properties:

Product Name: Chitosan-PEG-PLA PLA: PLLA/PDLLA
 Molecular Weight: PEG MW:1000/2000/3400/5000/10000/20000 Dalton
 Chitosan MW:5000/10000/20000/50000/100000 Dalton
 PLA MW:1000/2000/3000/5000/8000/10000/15000/20000 Dalton
 Catalog Number: R-PL2019
 Lot Number: RO0176337

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 |



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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