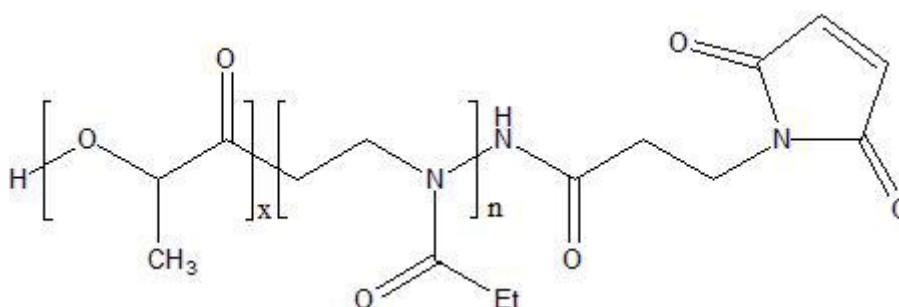


Certificate of Analysis

General properties:

Product Name: PLA-PEOz-MAL PLA: PLLA/PDLLA
 Molecular Weight: PEOz MW:1000/2000/5000/10000 Dalton
 PLA MW:1000/2000/3000/5000/8000/10000/15000/20000 Dalton
 Catalog Number: R-PL2054
 Lot Number: RO0176366

Product Structure:



Product Specifications:

Items	Specification	Results
Appearance	Off-white/brown solid or viscous liquid	Off-white/brown solid or viscous liquid
¹ H NMR	Identical to the structure	Identical to the structure
PDI	<1.5	<1.5
Substitution of MAL by NMR	>90%	>90%

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