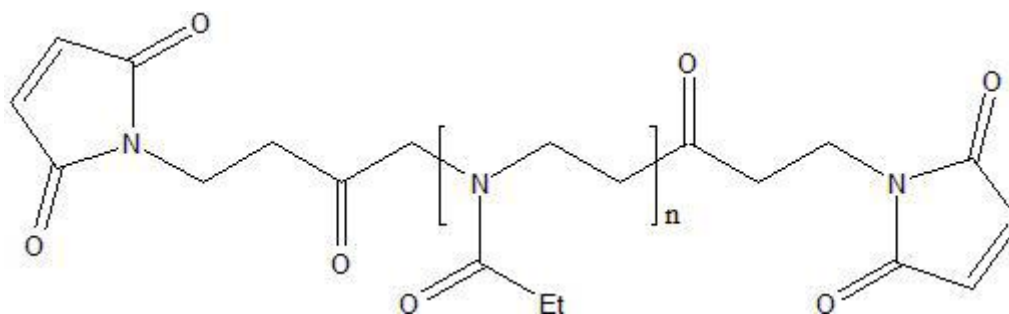


Certificate of Analysis

General properties:

Product Name: MAL-PEOz-MAL
 Molecular Weight: PEOz MW:750/1000/2000/3400/5000/10000 Dalton
 Catalog Number: R-9982
 Lot Number: RD171213

Product Structure:



Product Specifications:

Items	Specification	Results
Appearance	White/Off-white solid or viscous liquid	White/Off-white solid or viscous liquid
¹ H NMR	Identical to the structure	Identical to the structure
Substitution of MAL by NMR	>95%	>95%

Date of Analysis: 2017.12.10

Recommended Retest date: 2019.12.09

Recommended Storage: -20°C

Stability: 2 years

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