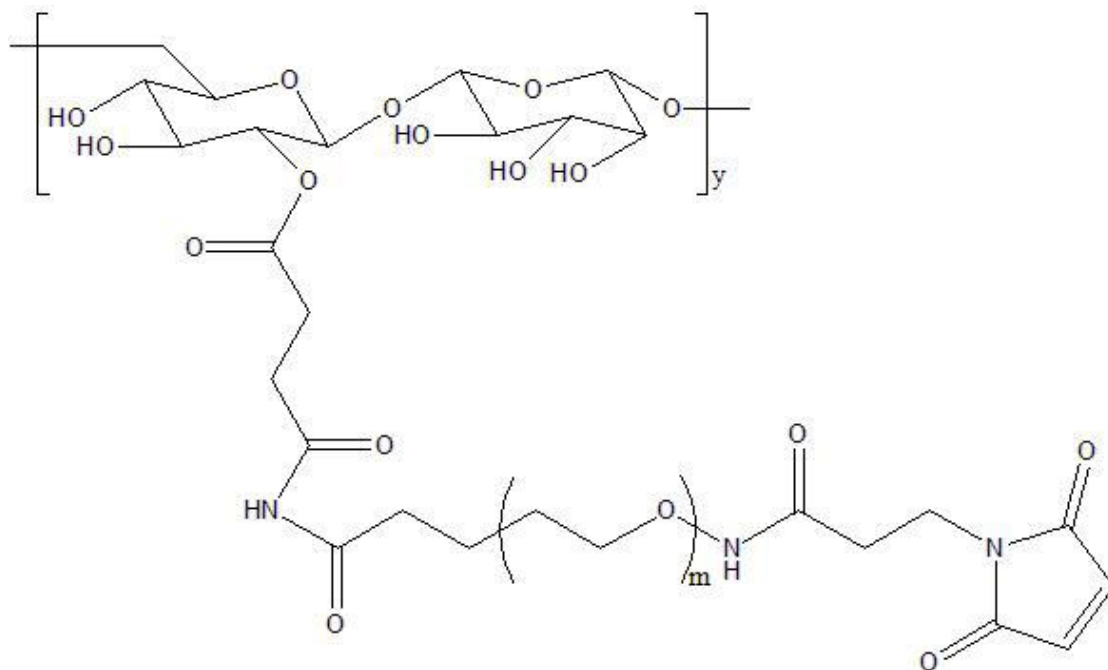


Certificate of Analysis

General properties:

Product Name: Dextran-PEG-MAL
Molecular Weight: PEG MW:1000/2000/3400/5000/10000/20000 Dalton
Dextran MW:5000/10000/20000/40000/70000/100000 Dalton
Catalog Number: R-PL2023
Lot Number: RO0176341

Product Structure:





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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