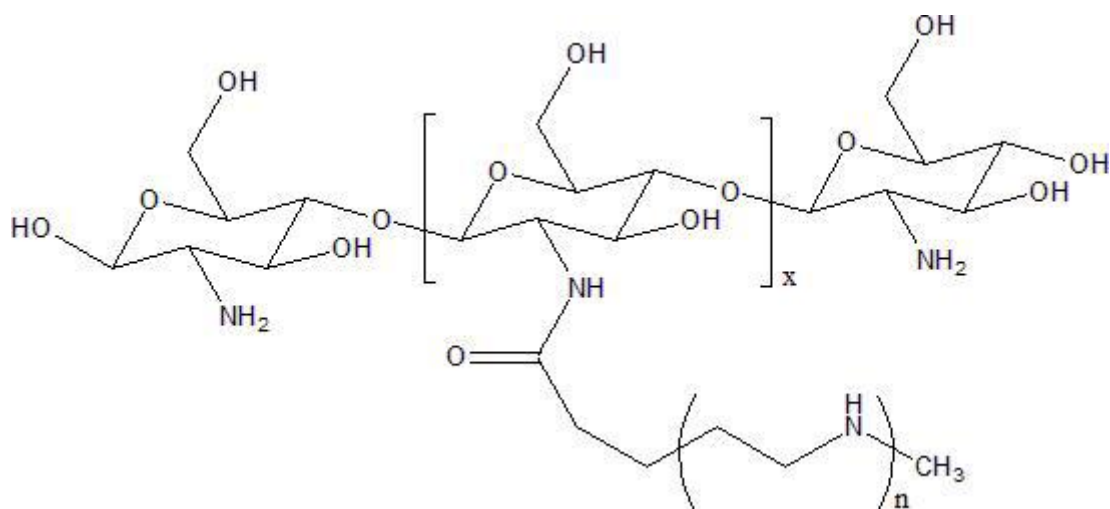


Certificate of Analysis

General properties:

Product Name: PEI-Chitosan
 Molecular Weight: PEI MW:600/1200/2000/2500/10000/25000 Dalton
 Chitosan MW:5000/10000/20000/50000/100000 Dalton
 Catalog Number: R-PL2013
 Lot Number: RO0176331

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	<1.5	<1.5



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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