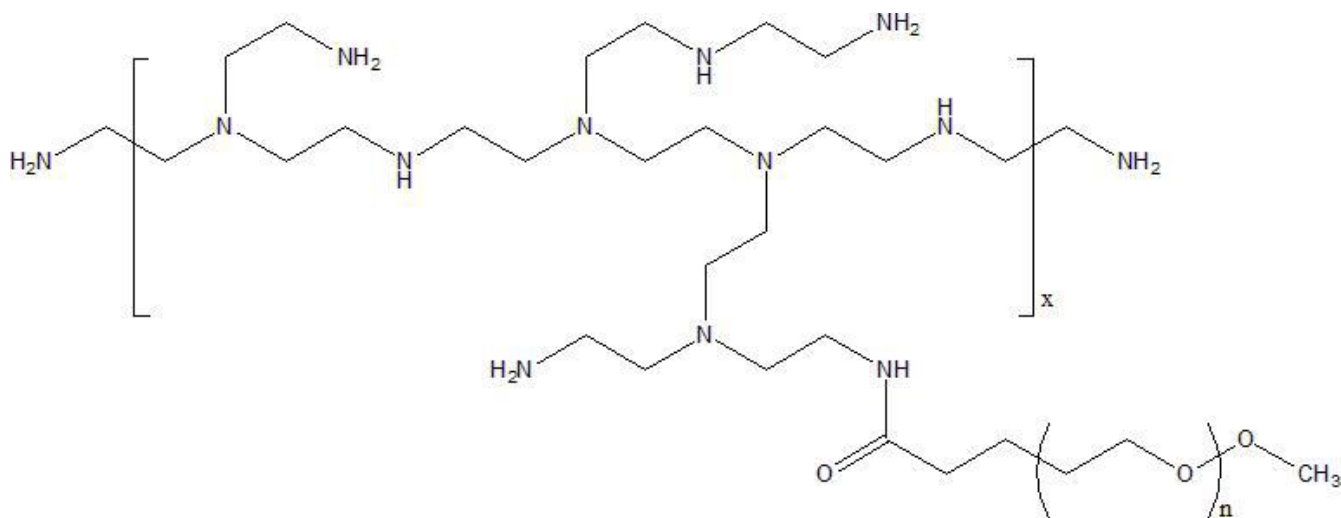


## Certificate of Analysis

### General properties:

Product Name: PEG-PEI  
 Molecular Weight: PEG MW:1000/2000/3400/5000/10000/20000 Dalton  
 PEI MW:1200/1800/25000/60000 Dalton  
 Catalog Number: R-PL2009  
 Lot Number: RO0176327

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	Solid powder or viscous liquid	Solid powder or viscous liquid
<sup>1</sup> 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**