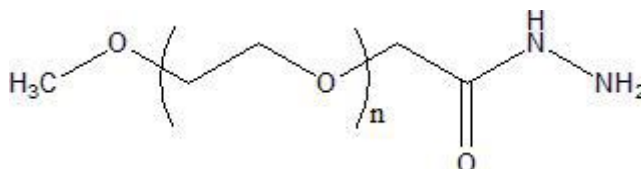


## Certificate of Analysis

### General properties:

Produ Name: mPEG-Hydrazide  
 Molecular Weight: PEG:750/1000/2000/3400/5000 Dalton  
 Catalog Number: R-3011  
 Lot Number: NH539201

### 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
Substitution of Hydrazide by NMR	>95%	>95%

Date of Analysis: 2017.10.09

Recommended Retest date: 2019.10.08

Recommended Storage: -20°C in the dark

Stability: 24 months

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