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## Certificate of Analysis

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Product Name: m-PEG8-CH<sub>2</sub>COOH  
Cat. No.: GC65830  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 102013-72-9  
Molecular Formula: C<sub>19</sub>H<sub>38</sub>O<sub>11</sub>  
Molecular Weight: 442.5  
Storage: Store at -20°C  
Chemical Structure:

### ANALYTICAL DATA

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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