# RedChemExpress

# Certificate of Analysis

## Amine-PEG-amine (MW 5000)

| Cat. No.:      | HY-140648                 |
|----------------|---------------------------|
| Batch No.:     | 102497                    |
| Chemical Name: | Amine-PEG-amine (MW 5000) |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight: | 5000(Average) |       |          |
|-------------------|---------------|-------|----------|
| Storage:          | Powder        | -20°C | 3 years  |
|                   |               | 4°C   | 2 years  |
|                   | In solvent    | -80°C | 6 months |
|                   |               | -20°C | 1 month  |

#### **Chemical Structure:**

 $H_2N$  ( )  $NH_2$   $NH_2$ 



#### **ANALYTICAL DATA**

| Appearance:                  | White to off-white (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (NMR):                | ≥95.0%  |
| 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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