



# CERTIFICATE OF ANALYSIS

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## Product Information

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| Product Name       | Poly(ethylene glycol) GPC Standard (PEG, Mw: 7290)              |
| Catalog Number     | 34036112-0897                                                   |
| Lot Number         | 23P282-F3                                                       |
| CAS Number         | 25322-68-3                                                      |
| Molecular Formula  | (C <sub>2</sub> H <sub>4</sub> O) <sub>x</sub> H <sub>2</sub> O |
| Test date          | Aug 07, 2025                                                    |
| Retest date        | Aug 06, 2029                                                    |
| Storage            | 0-8°C                                                           |
| Shipping Condition | Wet ice                                                         |

## Characterization

| Test Item                           | Specification                                     | Result            |
|-------------------------------------|---------------------------------------------------|-------------------|
| By Gel Permeation<br>Chromatography | Column Set: $\mu$ Styragel 500, 10 <sup>3</sup> Å | Mw=7290           |
|                                     | Solvent: THF                                      | Mp=7750           |
|                                     | Concentration: 1 mg/ml                            | Mn=6770           |
|                                     | Injection Volume: 20 $\mu$ l                      |                   |
|                                     | Flow Rate: 1.0 ml/min                             | Mw/Mn $\leq$ 1.08 |
| By Hydroxyl Number                  | Hydroxyl Number = 16.7                            | Mn=6720           |



**Note: In case of quality problem, please contact us within 15 days after receiving the products.**

For laboratory use only, Not for human, drug or other uses.