



# CERTIFICATE OF ANALYSIS

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## Product Information

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| Product Name       | Poly(ethylene glycol) GPC Standard (PEG, Mw: 4210)              |
| Catalog Number     | 34036111-0898                                                   |
| Lot Number         | 23Y061-G5                                                       |
| 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          | Mar 26, 2025                                                    |
| Retest date        | Mar 25, 2028                                                    |
| Storage            | 0-8°C                                                           |
| Shipping Condition | Wet ice                                                         |

## Characterization

| Test Item                        | Specification                            | Result            |
|----------------------------------|------------------------------------------|-------------------|
| By Gel Permeation Chromatography | Column Set: $\mu$ Styragel 500, $10^3$ Å | Mw=4210           |
|                                  | Solvent: THF                             | Mp=4300           |
|                                  | Concentration: 1 mg/ml                   | Mn=4020           |
|                                  | Injection Volume: 20 $\mu$ l             |                   |
|                                  | Flow Rate: 1.0 ml/min                    | Mw/Mn $\leq$ 1.05 |
| By Hydroxyl Number               | Hydroxyl Number = 26.7                   | Mn=4200           |



**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.