# Certificate of Analysis



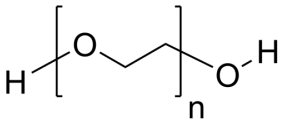
## PEG400

| | |
|---|---|
| **Cat. No.:** | HY-Y0873A |
| **CAS No.:** | 25322-68-3 |
| **Batch No.:** | 347607 |
| **Chemical Name:** | Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy- |

### PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Weight:** | **400.00** | | |
| **Storage:** | Pure form | -20°C | 3 years |
| | | 4°C | 2 years |

**Chemical Structure:**




### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Colorless to light yellow (Liquid) |
| **pH:** | 5.78 |
| **Water Content:** | 0.33% |
| **Hydroxyl Value:** | 279.83 mgKOH/g |
| **Endotoxin Level:** | <1 EU/mg |
| **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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