

## Certificate of Analysis

Date of Testing: 2023-07-21 15:47:44

Date of Next Testing: 2027-07-20 15:47:44

Product Name: **Hydroxyethyl starch**

CAS Number: 9005-27-0

Specifications & Purity: 98.0-101.0%

Lot #: G23121148

SKU #: **H498478**

**Analysis:** **239745**

Storage Temperature: Store at 2-8°C

| Parameter                                                       | Limit Values              | Result                    |
|-----------------------------------------------------------------|---------------------------|---------------------------|
| Specific Rotation [α] <sub>25/D</sub> (c=1 in H <sub>2</sub> O) | 182-192 (°)               | 190.20 °                  |
| assay(dry basis,minus NaCl)                                     | 98.0-101.0 (%)            | 99.80000 %                |
| Appearance(H498478)                                             | White to off-white Powder | White to Off-White Powder |
| Infrared spectrum                                               | Conforms to Structure     | Conforms to Structure     |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager