

## Certificate of Analysis

Date of Testing: 2023-10-20 11:20:40

Date of Next Testing: 2027-10-19 11:20:40

Product Name: **Glyceryl monostearate**

CAS Number: 31566-31-1

Specifications & Purity: 99%

Lot #: L1917175

SKU #: **G196240**

**Analysis:** **287656**

Storage Temperature: Room temperature

| Parameter                   | Limit Values     | Result        |
|-----------------------------|------------------|---------------|
| Total monoglyceride Content | 26-32.5 (%)      | 27.20 %       |
| Ignition Residue            | 0-4 (%)          | 0.00 %        |
| Acid Value                  | 0-1.4 (mgKOH/g)  | 0.31 mgKOH/g  |
| Free glycerin               | 0-10 (%)         | 0.74 %        |
| Water by Karl Fischer       | 0-1.5 (%)        | 0.45 %        |
| Saponification value        | 90-100 (mgKOH/g) | 96.50 mgKOH/g |
| Melting point               | 50-60 (°C)       | 55.60000 °C   |
| Iodine value                | 0-5 (wt%)        | 0.55000 wt%   |



John Su  
QA & QC Manager