

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>123-94-4</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>358.55</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Glyceryl Stearate**

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| <b>Product number</b>    | 89993802                                                                                     |
| <b>CAS number</b>        | 123-94-4                                                                                     |
| <b>Molecular formula</b> | CH <sub>3</sub> (CH <sub>2</sub> ) <sub>16</sub> COOCH <sub>2</sub> CH(OH)CH <sub>2</sub> OH |
| <b>Molecular weight</b>  | 358.55 g/mol                                                                                 |

| PARAMETER                 | SPECIFICATION             |
|---------------------------|---------------------------|
| <b>Appearance</b>         | White to off-white powder |
| <b>Melting Point</b>      | ≥ 52°C                    |
| <b>Mono-ester content</b> | 40 to 42%                 |
| <b>Stearic acid</b>       | ≤ 2.5%                    |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIFICATION STATEMENT</b> | The values stated above represent the standard specification for this product, issued under <b>Molekula Ltd</b> 's quality management system. Batch-specific results are provided on the Certificate of Analysis. |
| <b>STORAGE</b>                 | Store as indicated on the product label, away from light, moisture and incompatible materials.                                                                                                                    |

**Molekula Ltd** would like to thank you for your support of our products and service.

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