

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>765-70-8</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>112.13</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****3-Methyl-1,2-cyclopentanedione (Maple lactone)**

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Product number</b>    | 67214708                                     |
| <b>CAS number</b>        | 765-70-8                                     |
| <b>Molecular formula</b> | C <sub>6</sub> H <sub>8</sub> O <sub>2</sub> |
| <b>Molecular weight</b>  | 112.13 g/mol                                 |

| PARAMETER            | SPECIFICATION                                           |
|----------------------|---------------------------------------------------------|
| <b>Appearance</b>    | White to cream to yellow crystalline powder or crystals |
| <b>Assay</b>         | ≥ 98.0%                                                 |
| <b>Melting Point</b> | 103-108°C                                               |
| <b>FT-IR</b>         | Conforms to structure                                   |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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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