

# Specification

Technical Data Sheet

|                              |                                  |                                         |
|------------------------------|----------------------------------|-----------------------------------------|
| <b>CAS</b><br><b>75-75-2</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>96.11</b> |
|------------------------------|----------------------------------|-----------------------------------------|

**PRODUCT****Methanesulfonic acid, pharmaceutical grade**

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Product number</b>    | 90030482                          |
| <b>CAS number</b>        | 75-75-2                           |
| <b>Molecular formula</b> | CH <sub>3</sub> SO <sub>3</sub> H |
| <b>Molecular weight</b>  | 96.11 g/mol                       |

| PARAMETER                        | SPECIFICATION |
|----------------------------------|---------------|
| <b>Appearance</b>                | Clear Liquid  |
| <b>Assay</b>                     | min 99.5%     |
| <b>Colour (Pt-Co)</b>            | max 25        |
| <b>Ethyl Methane Sulfonate</b>   | max 0.5ppm    |
| <b>Methane Sulfonyl Chloride</b> | max 2ppm      |
| <b>Methyl Methane Sulfonate</b>  | max 1ppm      |

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