

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>127-51-5</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>206.32</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****alpha-Isomethylionone**

|                          |              |
|--------------------------|--------------|
| <b>Product number</b>    | 90033575     |
| <b>CAS number</b>        | 127-51-5     |
| <b>Molecular formula</b> | C14H22O      |
| <b>Molecular weight</b>  | 206.32 g/mol |

| PARAMETER                         | SPECIFICATION                |
|-----------------------------------|------------------------------|
| <b>Appearance</b>                 | Clear to light yellow liquid |
| <b>Assay</b>                      | 60.0% - 70.0%                |
| <b>Identification</b>             | Conforms to reference        |
| <b>Refractive Index</b>           | 1.498 - 1.502                |
| <b>a-Methyl ionone</b>            | 20.0% - 30.0%                |
| <b>B-Isomethyl Ionone</b>         | 3.0% - 6.0%                  |
| <b>B-Methyl ionone</b>            | ≤5.0%                        |
| <b>Relative density 20 / 20°C</b> | 0.927 - 0.931                |
| <b>Total ketone content</b>       | ≥92.0%                       |

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