

# Specification

Technical Data Sheet

|                                |                                  |                                          |
|--------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>7173-51-5</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>362.08</b> |
|--------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Didecyldimethylammoniumchloride**

|                          |              |
|--------------------------|--------------|
| <b>Product number</b>    | 18398146     |
| <b>CAS number</b>        | 7173-51-5    |
| <b>Molecular formula</b> | C22H48ClN    |
| <b>Molecular weight</b>  | 362.08 g/mol |

| PARAMETER               | SPECIFICATION          |
|-------------------------|------------------------|
| <b>Appearance</b>       | Pale yellow paste-like |
| <b>Assay</b>            | ≥99%                   |
| <b>Heavy metals</b>     | ≤0.002%                |
| <b>Amine Salts</b>      | ≤0.3%                  |
| <b>Free Amine</b>       | ≤0.3%                  |
| <b>Moisture Content</b> | ≤0.5%                  |

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