

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>530-62-1</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>162.15</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****N,N'-Carbonyldiimidazole (Polypep.) Pharma. Grade**

|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| <b>Product number</b>    | 90032427                                                        |
| <b>CAS number</b>        | 530-62-1                                                        |
| <b>Molecular formula</b> | (C <sub>3</sub> H <sub>3</sub> N <sub>2</sub> ) <sub>2</sub> CO |
| <b>Molecular weight</b>  | 162.15 g/mol                                                    |

| PARAMETER                  | SPECIFICATION         |
|----------------------------|-----------------------|
| <b>Appearance</b>          | Light yellow powder   |
| <b>Assay</b>               | ≥98.0%                |
| <b>Heavy metals</b>        | ≤20ppm                |
| <b>Identification</b>      | Retention time of NMR |
| <b>Loss on Drying</b>      | ≤1.0%                 |
| <b>Melting Point</b>       | 116-122°C             |
| <b>Iron (Fe)</b>           | ≤20ppm                |
| <b>Residue on Ignition</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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