

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>139-33-3</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>336.21</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Ethylenediaminetetraacetic acid disodium salt**

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| <b>Product number</b>    | 90027080                                                                      |
| <b>CAS number</b>        | 139-33-3                                                                      |
| <b>Molecular formula</b> | C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> |
| <b>Molecular weight</b>  | 336.21 g/mol                                                                  |

| PARAMETER                             | SPECIFICATION            |
|---------------------------------------|--------------------------|
| <b>Appearance</b>                     | White crystalline powder |
| <b>Purity</b>                         | ≥99%                     |
| <b>Heavy metals</b>                   | ≤0.001%                  |
| <b>pH</b>                             | 4.0-5.0                  |
| <b>Chelate Value</b>                  | ≥260 (mg/g)              |
| <b>Chlorides</b>                      | ≤0.05                    |
| <b>Iron (Fe)</b>                      | ≤0.001%                  |
| <b>Clarity test</b>                   | PASS                     |
| <b>Sulphates (SO<sub>4</sub>)(2-)</b> | ≤0.001%                  |

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