

# Specification

Technical Data Sheet

|                                 |                                    |                                          |
|---------------------------------|------------------------------------|------------------------------------------|
| <b>CAS</b><br><b>17217-76-4</b> | <b>STORAGE</b><br><b>2 to 8 °C</b> | <b>MOLECULAR WEIGHT</b><br><b>298.99</b> |
|---------------------------------|------------------------------------|------------------------------------------|

**PRODUCT****Ferric citrate trihydrate**

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>Product number</b>    | 90036173                                                                        |
| <b>CAS number</b>        | 17217-76-4                                                                      |
| <b>Molecular formula</b> | C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> Fe•(H <sub>2</sub> O) <sub>3</sub> |
| <b>Molecular weight</b>  | 298.99 g/mol                                                                    |

| PARAMETER                             | SPECIFICATION    |
|---------------------------------------|------------------|
| <b>Appearance</b>                     | Red brown powder |
| <b>Iron (Fe)</b>                      | 16.5 - 18.5%     |
| <b>Arsenic (As)</b>                   | ≤2.0mg/kg        |
| <b>Lead (Pb)</b>                      | ≤2.0%            |
| <b>Sulphates (SO<sub>4</sub>)(2-)</b> | ≤0.48%           |

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