

# Specification

Technical Data Sheet

**CAS****77-92-9****STORAGE****Ambient****MOLECULAR WEIGHT****192.12****PRODUCT****Citric Acid Anhydrous - Ph. Eur, BP**

|                   |                                              |
|-------------------|----------------------------------------------|
| Product number    | 90037002                                     |
| CAS number        | 77-92-9                                      |
| Molecular formula | HOC(COOH)(CH <sub>2</sub> COOH) <sub>2</sub> |
| Molecular weight  | 192.12 g/mol                                 |

**PARAMETER****SPECIFICATION**

|                                  |                       |
|----------------------------------|-----------------------|
| Appearance                       | White rime grain      |
| Assay                            | 99.5 - 101.0%         |
| Heavy metals                     | ≤10ppm                |
| Identification                   | Conforms to structure |
| Water                            | ≤1.0%                 |
| Bacterial endotoxins             | ≤0.51 U/mg            |
| Clarity and colour of solution   | Passes test           |
| Readily Carbonisable Substances  | Passes test           |
| Solubility                       | Passes test           |
| Sulphated Ash                    | ≤0.1%                 |
| Aluminium (Al)                   | ≤0.2ppm               |
| Oxalate (Oxalic acid)            | ≤350ppm               |
| Sulphates (SO <sub>4</sub> )(2-) | ≤150ppm               |

**SPECIFICATION  
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

**STORAGE**

Store as indicated on the product label, away from light, moisture and incompatible materials.

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**Molekula Ltd** would like to thank you for your support of our products and service.

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