

## Technical Data Sheet

|  |                              |              |                |
|--|------------------------------|--------------|----------------|
| <b>Product Name</b>  | <b>Tri EthylCitrate P.G.</b> |              |                |
| <b>Product #</b>   | <b>KS-02861</b>              | <b>CAS #</b> | <b>77-93-0</b> |
| Ph. Eur., BP, USP.   |                              |              |                |
| <b>Specifications</b>  |                              |              |                |
| Assay (Alkalimetric, Calculated on Anhydrous Substance)      | 99.0% - 101.0%               |              |                |
| Assay (GC, Calculated on Anhydrous Substance, ChP)           | 99.0% – 100.5%               |              |                |
| Identity (IR-Spectrum/GC)                                    | Passes test                  |              |                |
| Appearance   | Colorless liquid             |              |                |
| Identity (Wet Chemistry)                                     | Passes test                  |              |                |
| Identity (Refractive Index)                                  | Passes test                  |              |                |
| Refractive Index (n 20/D)                                    | 1.440 - 1.446                |              |                |
| Refractive Index (n 25/D)                                    | 1.439 - 1.441                |              |                |
| Specific Gravity (d 25/25)                                   | 1.135 - 1.139                |              |                |
| Acidity  | Passes test                  |              |                |
| Related Substances (GC, Ph. Eur.)<br>Largest Single Impurity | ≤ 0.2%                       |              |                |
| Sum of All Impurities  | ≤ 0.5%                       |              |                |
| Related Substances (GC, ChP)<br>Largest Single Impurity      | ≤ 0.2%                       |              |                |
| Related Substances (GC ,JPE)                                 | Passes test                  |              |                |
| Sulfated Ash (600°C)   | ≤ 0.1%                       |              |                |
| Water (According to Karl Fischer)                            | ≤ 0.25%                      |              |                |

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