



## Specification

| Concerning Product:                     |   |
|---|---|
| Article number                          | 3344181LL   |
| Trade name / designation / denomination | Tri-Magnesiumdicitrat wasserfrei, food  |
| CAS number                              | 3344-18-1   |
| Other names / synonyms                  | •Magnesium citrate; •trimagnesium 2-hydroxypropane-1,2,3-tricarboxylate; •trimagnesium dicitrate; |
| EC number                               | 222-093-9   |
| Customs tariff number / CN code / TARIC | 29181500  |
| Molecular weight [g / mol]              | 451.1144  |
| Formula                                 | C <sub>12</sub> H <sub>10</sub> Mg <sub>3</sub> O <sub>14</sub>                                   |

| Parameter                   | Specification  | Unit |
|-----------------------------|----------------|------|
| <b>Organoleptic test</b>    |                |      |
| Colour                      | white          |      |
| <b>Physical parameter</b>   |                |      |
| Form                        | powder         |      |
| pH value                    | 6,0 – 8,5      |      |
| <b>Identity</b>             |                |      |
| Assay                       | 14,0 – 16,0    | %    |
| Identification              | complies       |      |
| <b>Elemental Impurities</b> |                |      |
| Arsenic (As)                | ≤ 3            | ppm  |
| Copper (Cu)                 | incl. Zn: ≤ 50 | ppm  |
| Lead (Pb)                   | ≤ 10           | ppm  |
| Zinc (Zn)                   | ≤ 25           | ppm  |

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 24. Jun. 2019

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