



## Spezifikation

| Produktbezug:                   |                                         |
|---------------------------------|-----------------------------------------|
| Produktnummer                   | 153531965LP                             |
| Handelsname / Bezeichnung       | tri-Magnesiumdicitrat 9-Hydrat, Ph.Eur. |
| CAS Nummer                      | 153531-96-5                             |
| Andere Bezeichnungen / Synonyme | •tri-Magnesiumdicitrat 9-Hydrat;        |
| EG Nummer                       |                                         |

| Parameter                           | Methode   | Spezifikation                   | Einheit |
|-------------------------------------|-----------|---------------------------------|---------|
| <b>Sensorische Prüfung</b>          |           |                                 |         |
| Aussehen der Lösung                 | 2,5%      | entspricht                      |         |
| Aussehen                            |           | weißes bis fast weißes Granulat |         |
| <b>Physikalische Parameter</b>      |           |                                 |         |
| Trocknungsverlust                   |           | @ 180°C, 5h: 24,0 – 28,0        | %       |
| Molare Masse                        |           | 613,28                          | g/mol   |
| pH-Wert                             |           | 5% 6,0 – 8,5                    |         |
| <b>Identifikation</b>               |           |                                 |         |
| Gehalt                              | Mg        | 15,0 – 16,5                     | %       |
| Identifizierung                     | Magnesium | positiv                         |         |
| Identifizierung                     | Citrate   | positiv                         |         |
| <b>Verunreinigungen</b>             |           |                                 |         |
| Oxalate (als wasserfreie Oxalsäure) |           | ≤ 280                           | ppm     |
| Sulphat (SO <sub>4</sub> )          |           | ≤ 0,2                           | %       |
| <b>Elementare Verunreinigungen</b>  |           |                                 |         |
| Calcium (Ca)                        |           | ≤ 0,2                           | %       |
| Eisen (Fe)                          |           | ≤ 0,01                          | %       |
| Nickel (Ni)                         |           | ≤ 30                            | ppm     |
| <b>Mikrobiologische Daten</b>       |           |                                 |         |
| Gesamtkeimzahl                      |           | TAMC ≤ 2000                     | CFU/g   |
| Schimmel und Hefe                   |           | (TYMC): ≤ 200                   | CFU/g   |
| <b>Partikelgrößenverteilung</b>     |           |                                 |         |
| Partikel                            |           | 0,1 mm ≥ 70                     | %       |
| Partikel                            |           | 0,5 mm ≤ 20                     | %       |

### Zusätzliche Angaben:

**Mindesthaltbarkeit:** 3 Jahre

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Jul. 2022

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