



## Spezifikation

| Produktbezug:   |   |
|---|---|
| Produktnummer   | 497198VTRW  |
| Handelsname / Bezeichnung   | Natriumcarbonat schwer, grob  |
| CAS Nummer  | 497-19-8  |
| Andere Bezeichnungen / Synonyme   | •Dinatriumcarbonat; •Natriumcarbonat; •disodium carbonate; •sodium carbonate; |
| EG Nummer   | 207-838-8   |
| EG-Index-Nummer   | 011-005-00-2  |
| Zolltarifnummer / CN-Code   | 28362000  |
| Molekulargewicht [g/mol]  | 105.98844   |
| Formel  | CNa <sub>2</sub> O <sub>3</sub>   |
|   |   |
| Verursacht schwere Augenreizung.<br>Nach Gebrauch gründlich waschen. Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. |   |

| Parameter                          | Spezifikation                           | Einheit           |
|------------------------------------|---|-------------------|
| <b>Sensorische Prüfung</b>         |   |                   |
| Farbe                              | weiß                                    |                   |
| <b>Physikalische Parameter</b>     |   |                   |
| Dichte                             | ≥ 950                                   | kg/m <sup>3</sup> |
| Form (Aggregatzustand)             | kristallines Pulver                     |                   |
| pH-Wert                            | (@ 10g/L H <sub>2</sub> O, 20°C): 11,2  |                   |
| <b>Identifikation</b>              |   |                   |
| Gehalt                             | ≥ 99,0                                  | %                 |
| <b>Verunreinigungen</b>            |   |                   |
| Schwermetalle (als Pb)             | ≤ 10                                    | ppm               |
| Verunreinigung                     | Na <sub>2</sub> SO <sub>4</sub> : ≤ 300 | ppm               |
| <b>Elementare Verunreinigungen</b> |   |                   |
| Calcium (Ca)                       | ≤ 100                                   | ppm               |
| Eisen (Fe)                         | ≤ 15                                    | ppm               |
| Magnesium (Mg)                     | ≤ 100                                   | ppm               |
| <b>Nährstoffgehalt</b>             |   |                   |
| Salz (als NaCl)                    | ≤ 0,25                                  | %                 |
| <b>Partikelgrößenverteilung</b>    |   |                   |
| Partikel                           | < 100 µm ≥ 97                           | %                 |
| Partikel                           | < 1250 µm ≤ 3                           | %                 |

### Zusätzliche Angaben:

**Lagerbedingungen:** Natriumcarbonat nimmt leicht Feuchtigkeit aus der Luft auf und verfestigt sich dabei. Nach ungefähr 2 Monaten besteht die Gefahr der Verklumpung. Kühl und Trocken lagern. Von einem Stapeln der Paletten ist wegen der Verklumpungsgefahr abzuraten.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Feb. 2021

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