



## Spezifikation

| Produktbezug:      |                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------|
| Artikelnummer      | 57556MPEBU                                                                                                 |
| Stoffbezeichnung   | 1,2 Propandiol                                                                                             |
| CAS-Nr.            | 57-55-6                                                                                                    |
| EG-Nummer          | 200-338-0                                                                                                  |
| Andere Angaben     | Synonym: Propylenglycol<br>Formel: C <sub>3</sub> H <sub>8</sub> O <sub>2</sub><br>Molgewicht: 76.09 g/mol |
| EU Zolltarifnummer | 29053200                                                                                                   |
| Ursprung           | DE                                                                                                         |

| Parameter                            | Spezifikation                          | Einheiten         |
|--------------------------------------|----------------------------------------|-------------------|
| <b>Physiochemische Informationen</b> |                                        |                   |
| Dichte                               | 1.04 (20°C)                            | g/cm <sup>3</sup> |
| Entzündungstemperatur                | 371                                    | °C                |
| Schmelzpunkt                         | -59                                    | °C                |
| Siedepunkt                           | 188 (1013 hPa)                         | °C                |
| pH-Wert                              | 6-8 (100 g/l, H <sub>2</sub> O, 20 °C) |                   |
| Brechungsindex                       | 1.43 (20°C)                            |                   |
| <b>Spezifikationen</b>               |                                        |                   |
| Reinheit (GC)                        | ≥ 99.5                                 | %                 |
| Identität (IR)                       | entspricht                             |                   |
| Identität D (Ph Eur)**               | 121 - 128                              | °C                |
| Aussehen der Substanz                | entspricht                             |                   |
| Dichte (d 20 °C/20 °C)               | 1.035 - 1.040                          |                   |
| Dichte (d 25 °C/25 °C)               | 1.035 - 1.037                          |                   |
| Brechungsindex (n 20/D)              | 1.431 - 1.433                          |                   |
| Siedepunkt                           | 184 - 189                              | °C                |
| Acidität                             | entspricht                             |                   |
| Chlorid (Cl)                         | ≤ 0.007                                | %                 |
| Sulfat (SO <sub>4</sub> )            | ≤ 0.006                                | %                 |
| Isomere von Dipropylenglycol         | entspricht                             |                   |

|                                    |                                          |   |
|------------------------------------|------------------------------------------|---|
| Diethylenglycol (GC)               | ≤ 0.1                                    | % |
| Ethylenglycol (GC)                 | ≤ 0.1                                    | % |
| Lösungsmittel-Rückstände (ICH Q3C) | ausgeschlossen durch den Herstellprozess |   |
| Oxidierende Substanzen             | entspricht                               |   |
| Reduzierende Substanzen            | entspricht                               |   |
| Sulfatasche                        | ≤ 0.007                                  | % |
| Wasser                             | ≤ 0.20                                   | % |

Elementverunreinigungen gemäß der Leitlinie ICH Q3D (Guideline for Elemental Impurities) sind in der Spezifikation berücksichtigt.

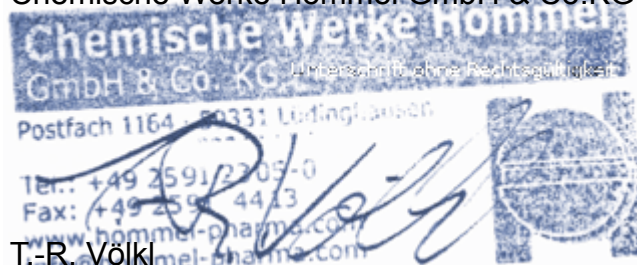
Elemente der Klassen 1-3 werden nicht oberhalb des Option-1-Limit gemäß ICH Q3D erwartet, wenn diese nicht spezifiziert und gekennzeichnet (\*) sind.

**\*\*Der Wert der weiteren Identitätsprüfung wird vom Lieferantenzertifikat übernommen.**

**Qualität:** Entspricht Ph Eur, BP, USP

**Lagerung:** Lagern bei +15°C bis +25°C.

Chemische Werke Hommel GmbH & Co.KG



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Waltrop, 19. Mar. 2018

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