



## Spezifikation

| Produktbezug:                   |                                                                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Produktnummer                   | 7695912EUL                                                                                                                                    |
| Handelsname / Bezeichnung       | Vitamin E-Acetat 98% EP/USP                                                                                                                   |
| CAS Nummer                      | 7695-91-2                                                                                                                                     |
| Andere Bezeichnungen / Synonyme | •3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate; •Tocopheryl acetate; •all-rac-α-tocopheryl acetate; |
| EG Nummer                       | 231-710-0                                                                                                                                     |
| Molekulargewicht [g/mol]        | 472,57                                                                                                                                        |
| Formel                          | C <sub>31</sub> H <sub>52</sub> O <sub>3</sub>                                                                                                |

| Parameter                          | Specification                                                                    | Unit    |
|------------------------------------|----------------------------------------------------------------------------------|---------|
| <b>Sensorische Prüfung</b>         |                                                                                  |         |
| Aussehen                           | Klare, farblose bis leicht gelbe oder grünlich- gelbe, viskose ölige Flüssigkeit |         |
| <b>Physikalische Parameter</b>     |                                                                                  |         |
| Säuregehalt                        | entspricht                                                                       | ml      |
| Spezifische optische Drehung       | -0,01 – +0,01                                                                    | °       |
| <b>Identifikation</b>              |                                                                                  |         |
| Gehalt                             | ≥ 98,0                                                                           | %       |
| Identifizierung                    | entspricht                                                                       |         |
| <b>Verunreinigungen</b>            |                                                                                  |         |
| Schwermetalle (als Pb)             | * ≤ 10                                                                           | ppm     |
| Verwandte Substanzen               | Gesamtverunreinigungen ≤ 2,5                                                     | % [w/w] |
| Verwandte Substanzen               | jede andere Verunreinigung ≤ 0,25                                                | % [w/w] |
| Verwandte Substanzen               | Verunreinigung A: ≤ 0,5                                                          | % [w/w] |
| Verwandte Substanzen               | Verunreinigung B: ≤ 1,5                                                          | % [w/w] |
| Verwandte Substanzen               | Verunreinigung C: ≤ 0,5                                                          | % [w/w] |
| Verwandte Substanzen               | Verunreinigung D + E ≤ 1,0                                                       | % [w/w] |
| <b>Elementare Verunreinigungen</b> |                                                                                  |         |
| Arsen (As)                         | * ≤ 1                                                                            | ppm     |
| Cadmium (Cd)                       | * ≤ 1                                                                            | ppm     |
| Quecksilber (Hg)                   | * ≤ 0,1                                                                          | ppm     |
| Blei (Pb)                          | * ≤ 2                                                                            | ppm     |

### Anmerkung:

\* Test mit Stichproben verifiziert

### Zusätzliche Angaben:

Entspricht der Monographie: Ph. Eur., USP

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. Mar. 2025

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