

**neoFroxx GmbH**

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## Specification

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| <b>Product</b>                  | <b>Tween® 20 for molecular biology</b>                                 |
| <b>Brand</b>                    | BioFroxx                                                               |
| <b>Product number</b>           | 8506 (revised)                                                         |
| <b>Synonym(s)</b>               | Montanox 20, Polysorbate 20, PEG(20)sorbitan monolaurate, Alkest TW 20 |
| <b>Formula</b>                  | $C_{58}H_{114}O_{26}$                                                  |
| <b>Molecular weight</b>         | 1227.72 g/mol                                                          |
| <b>CAS number</b>               | 9005-64-5                                                              |
| <b>Storage</b>                  | below 25°C, protected from light                                       |
| <b>Retest period</b>            | 48                                                                     |
| ® Trademark of ICI America Inc. |                                                                        |
| <b>Parameter</b>                | <b>Specification</b>                                                   |
| DNases/RNases/Proteases         | not detectable                                                         |
| Density (d 20°C/4°C)            | 1.095 - 1.105                                                          |
| Hydroxyl-No.                    | approx. 100                                                            |
| Saponification No.              | 40 - 50                                                                |
| CMC (25°C)                      | $5.9 \times 10^{-5}$ mol/l                                             |
| Classification                  | nonionic detergent                                                     |
| Solubility (25°C in water)      | 100 g/l                                                                |
| Boiling point                   | > 100°C                                                                |
| Colour to Gardner               | max. 6                                                                 |

Einhausen, 25.06.2021 (revised)