

neoFroxx GmbH

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Specification

Product	Tween® 20 for molecular biology
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Product number	8506 (revised)
Synonym(s)	Montanox 20, Polysorbate 20, PEG(20)sorbitan monolaurate, Alkest TW 20
Formula	C ₅₈ H ₁₁₄ O ₂₆
Molecular weight	1227.72 g/mol
CAS number	9005-64-5
Storage	below 25°C, protected from light
Retest period (months)	48

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Parameter	Specification
Appearance	clear yellow liquid
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 x 10 ⁻⁵ mol/l
Classification	nonionic detergent
Solubility (25°C in water)	100 g/l
Boiling point	> 100°C
Colour to Gardner	max. 6
Water	max. 3 %
Heavy metals	0.001 %
Total ashes	max. 0.25 %

Einhausen, 30.01.2023 (revised)