

neoFroxx GmbH

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Specification

Product	Tween® 20 for molecular biology
Product number	8506
Synonyms	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	1.095 - 1.105
Hydroxyl number	approx. 100
Saponification number	40 - 50
CMC (25°C)	0.000059 mol/l
Classification	non-ionic detergent
Solubility (10 % in water) (25°C)	passes test
Boiling point	> 100°C
Colour to Gardner	<= 6
Water	<= 3 %
Heavy metals	<= 0.001 %
Residue on ignition (Ash)	<= 0.25 %

Einhausen, 23.08.2024