

neoFroxx GmbH

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Specification

Product	Tween® 80 for biochemistry
Product number	1716
Synonyms	Polysorbat 80
Formula	C ₆₄ H ₁₂₄ O ₂₇
Molecular weight	1310 g/mol
CAS number	9005-65-6
Storage	below 25°C, protected from light
Retest period (months)	48

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Parameter	Specification
Appearance	yellow viscous liquid
Identity	passes test
Hydroxyl number	65 - 80
Acid number	<= 2
Peroxide number	<= 5
Saponification number	45 - 55
Water	<= 3 %
Residue on ignition (Ash)	<= 0.25 %
Heavy metals (Pb)	<= 0.001 %
Volatile matter	passes test
1,4-Dioxane	<= 0.001 %
CMC (25°C)	0.000059 mol/l
Ethylene oxide (free)	<= 0.0001 %
Fatty acids	passes test
Colour to Gardner	<= 10

Einhausen, 05.08.2024