

neoFroxx GmbH

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Specification

Product	SDS ultrapure for molecular biology
Brand	BioFroxx

Product number	1177
Synonym(s)	Dodecyl sulfate sodium salt, Laurylsulfate sodium salt, Sodium laurylsulfate
Formula	$C_{12}H_{25}NaO_4S$
Molecular weight	288.38 g/mol
CAS number	151-21-3
Storage	below 25°C
Retest period (months)	60

Parameter	Specification
Assay (GC)	min. 99.5 %
Appearance	white, free flowing or flaky powder
DNases, RNases, Proteases	not detectable
Solubility (1 % in Ethanol)	clear and colorless
Solubility (10 % in water)	clear and colorless
Color of solution (10 % in water)	max. 10 APHA
Turbidity	
1 % in Ethanol (55 ± 3°C)	max. 2.5 NTU
10 % in water (20 - 25°C)	max. 2.5 NTU
Absorbance (20 % in water)	
280 nm	max. 0.28
410 nm	max. 0.1
Chloride	max. 0.01 %
Pb	max. 2 ppm
Water (K.F.)	max. 2 %

Einhausen, 14.02.2020