

neoFroxx GmbH

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Specification

Product	SDS ultrapure for molecular biology
Product number	1177
Synonyms	Dodecyl sulfate sodium salt, Laurylsulfate sodium salt, Sodium laurylsulfate
Formula	C ₁₂ H ₂₅ NaO ₄ S
Molecular weight	288.38 g/mol
CAS number	151-21-3
Storage	below 25°C
Retest period (months)	60
Parameter	Specification
Assay (GC)	>= 99.5 %
Appearance	white, free flowing or flaky powder
DNases/RNases/Proteases	not detectable
Solubility (1 % in water)	clear and colorless
Solubility (10 % in water)	clear and colorless
Colour of solution (10 % in water)	<= 10 APHA
Turbidity	
Ethanol at 1 % concentration (52 - 58°C)	<= 2.5 NTU
Water at 10 % concentration (20 - 25°C)	<= 2.5 NTU
Absorbance (20 % in water)	
280 nm	<= 0.28
410 nm	<= 0.1
Chloride (Cl)	<= 0.01 %
Lead (Pb)	<= 0.0002 %
Water (K.F.)	<= 2 %

Einhausen, 29.01.2025