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Specification

Product	D(+)-Sucrose for molecular biology
Product number	1104
Synonyms	β -D-Fructofuranosyl- α -D-glucopyranoside, Saccharose
Formula	C ₁₂ H ₂₂ O ₁₁
Molecular weight	342.30 g/mol
CAS number	57-50-1
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
DNases/RNases/Proteases	not detectable
Assay (HPLC)	>= 99.5 %
Specific rotation	+ 66.3° - + 67.0°
Heavy metals (Pb)	<= 0.0005 %
Glucose	<= 0.5 %
Water (K.F.)	<= 0.1 %
Sulfate (SO ₄)	<= 0.005 %
Absorbance (1 M in water)	
260 nm	<= 0.15
280 nm	<= 0.1

Einhausen, 21.06.2024