

Specification

Product	D(+)-Sucrose for molecular biology
Brand	GeneON GmbH
Product number	CE225, ff.
Synonym(s)	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 / Assay (HPLC)	not detectable min. 99.5 %
α20°C/D; 26 %, water	+ 66.3° to + 67.0°
Heavy metals (as Pb)	max. 0.0005 %
Glucose (TLC)	max. 0.5 %
Water (K.F.)	max. 0.1 %
Sulfate	max. 0.005 %
A (1 cm/1 M in water)	
260 nm	max. 0.15
280 nm	max. 0.1