

neofroxx GmbH

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Specification

Product	D(+)-Sucrose for molecular biology
Brand	BioFroxx

Product number	1104
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 /	not detectable
Assay (HPLC)	min. 99.5 %
α 20°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

Einhausen, 24.06.2020