

neoFroxx GmbH

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Specification

Product	D(+)-Glucose anhydrous for biochemistry
Brand	BioFroxx

Product number	1253
Synonym(s)	Dextrose
Formula	C ₆ H ₁₂ O ₆
Molecular weight	180.16 g/mol
CAS number	50-99-7
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (HPLC)	min. 97.5 %
α _{20°C/D} ; 10 % in water; anhydrous substances	+52.5° - +53.3°
pH (10 % in water)	4.5 - 7.0
Heavy metals (as Pb)	max. 0.0005 %
insoluble matters	complies
Water (K.F.)	max. 1 %
Chloride	max. 0.01 %
Sulfate	max. 0.02 %
A (1 cm/0.5 M in water)	
260 nm	max. 0.05
280 nm	max. 0.05

Einhausen, 12.02.2021

