

Specification

Product	D(+)-Glucose anhydrous for molecular biology
Brand	GeneON GmbH
Product number	CE149
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
DNases/RNases/Proteases	not detectable
Assay (HPLC)	min. 99 %
α20°C/D; 10 % in water	+52.5° to +53.3°
Sulfated ash	max. 0.1 %
Water (K.F.)	max. 0.2 %
Chloride	max. 0.01 %
Sulfate	max. 0.02 %
Sulfite	max. 0.001 %
As	max. 0.0001 %
Ca	max. 0.02 %
Pb	max. 0.00005 %