

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	D(+)-Glucose anhydrous for biochemistry
Product number	1253
Synonyms	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)	>= 97.5 %
Specific rotation	+52.5° - +53.3°
pH (10 % in water, 20°C)	4.5 - 7
Heavy metals (Pb)	<= 0.0005 %
Insoluble matter	complies
Water (K.F.)	<= 1 %
Chloride (Cl)	<= 0.01 %
Sulfate (SO ₄)	<= 0.02 %
Absorbance (0.5 M in water)	
260 nm	<= 0.05
280 nm	<= 0.05

Einhausen, 20.03.2025