

## neoFroxx GmbH

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## Specification

Product	D(+)-Glucose anhydrous for molecular biology
Product number	1179
Synonyms	Dextrose
Formula	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular weight	180.16 g/mol
CAS number	50-99-7
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (HPLC)	>= 99 %
DNases/RNases/Proteases	not detectable
Specific rotation	+52.5° - +53.3°
Residue on ignition (Ash)	<= 0.1 %
Water	<= 0.2 %
Chloride (Cl)	<= 0.01 %
Sulfate (SO <sub>4</sub> )	<= 0.02 %
Sulfite (SO <sub>3</sub> )	<= 0.001 %
Arsenic (As)	<= 0.0001 %
Calcium (Ca)	<= 0.02 %
Lead (Pb)	<= 0.00005 %

Einhausen, 06.06.2024