

## neoFroxx GmbH

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## Specification

Product	D(+)-Glucose anhydrous for cell biology
Product number	1191
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	>= 99.5 %
Appearance	white powder
Appearance of solution	clear, colorless
Endotoxin	passes test
Specific rotation	+52.5° to +53.3°
Heavy metals (Pb)	<= 0.0005 %
Residue on ignition (Ash)	<= 0.25 %
Water (K.F.)	<= 1 %
Chloride (Cl)	<= 0.01 %
Sulfate (SO <sub>4</sub> )	<= 0.02 %
Arsenic (As)	<= 0.0001 %
Performance test (Suitability for cell culture, insect cell culture, plant ce	passes test

Einhausen, 10.09.2024