

## 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