



# Specification

1.08337.0000 D(+)-Glucose anhydrous for biochemistry Reag. Ph Eur

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## Specification

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|--|---------------------------------------|-------|
| Assay (calc. on anhydrous substance)           | 97.5 - 102.0                          | %     |
| Identity (specific rotation)                   | passes test                           |       |
| Identity (HPLC)                                | passes test                           |       |
| Identity (water)                               | passes test                           |       |
| Appearance of solution                         | passes test                           |       |
| Conductivity                                   | ≤ 20                                  | µS/cm |
| Related substances (sum of impurities A and B) | ≤ 0.4                                 | %     |
| Related substances (impurity C)                | ≤ 0.2                                 | %     |
| Related substances (impurity D)                | ≤ 0.15                                | %     |
| Related substances (unspecified impurities)    | ≤ 0.10                                | %     |
| Related substances (Sum of all impurities)     | ≤ 0.5                                 | %     |
| Dextrin  | passes test                           |       |
| Soluble starch, sulfite                        | ≤ 15                                  | ppm   |
| Residual solvents (ICH Q3C)                    | excluded by the manufacturing process |       |
| Water (according to Karl Fischer)              | ≤ 1.0                                 | %     |

Corresponds to Reag. Ph.Eur.

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