Certificate of Analysis

1.08337.0250 D(+)-Glucose anhydrous for biochemistry Reag. Ph Eur
Batch K56471937

	Spec. Values		Batch Values	
Assay (calc. on anhydrous substance)	97.5 - 102.0	%	99.6	%
Identity (specific rotation)	passes test		passes test	
Identity (HPLC)	passes test		passes test	
Identity (water)	passes test		passes test	
Appearance of solution	passes test		passes test	
Conductivity	≤ 20	µS/cm	≤ 20	µS/cm
Related substances (sum of impurities A and B)	≤ 0.4	%	≤ 0.4	%
Related substances (impurity C)	≤ 0.2	%	≤ 0.2	%
Related substances (impurity D)	≤ 0.15	%	≤ 0.15	%
Related substances (unspecified impurities)	≤ 0.10	%	≤ 0.10	%
Related substances (Sum of all impurities)	≤ 0.5	%	≤ 0.5	%
Dextrin	passes test		passes test	
Soluble starch, sulfite	≤ 15	ppm	≤ 15	ppm
Residual solvents (ICH Q3C)	excluded by the manufacturing process		excluded by the manufacturing process	
Water (according to Karl Fischer)	≤ 1.0	%	0.1	%

Corresponds to Reag. Ph.Eur.

Minimum shelf life (DD.MM.YYYY) 28.02.2030

Julian Hofmann
Responsible laboratory manager quality control

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