Summary statistics - quantitative results

EQA round: GLC2/24 - Glucose (Including Glucometers)

Deadline: 5.11.2024

Setup: Slovakia; minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D_{max} = acceptable difference
SD = standard deviation	CRV = certified reference value	LL = lower limit
CV = coefficient of variation	CVP = consensus of all participants	UL = upper limit
N_{tot} = total number of the results	CVPG = consensus of the participants' groups	N_{eva} = number of the results assessed
N_{out} = number of the results removed before calculation	U_{AV} = expanded uncertainty of the assigned value (k = 2)	N_{suc} = number of successful results
		S_{rel} = relative success

Test / Sample / Group	[unit]	RoM	SD	CV [%]	N_{tot}	N_{out}	Comparability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]	Traceability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(140) **Glucose (laboratory systems)**	[mmol/L]				14								0									14	14	100
Sample A													0									14	14	100
All results (traceability)		19,2	0,72	3,7	14	0										CRV	19,88	0,2	15%	16,8	22,9	14		
Sample B													0									14	14	100
All results (traceability)		4,12	0,098	2,4	14	0										CRV	4,256	0,043	asym.	3,4	4,9	14		
(780) **Glucose (Nova POCT)**	[mmol/L]				19								19	19	100							0		
Sample A													19	19	100							0		
All results		17	1	6,1	19	0	CVP	16,7	0,083	15%	14,1	19,3	19											
Sample B													19	19	100							0		
All results		4,09	0,33	8	19	0	CVP	3,96	0,021	±0,833	3,12	4,8	19											
(781) **Glucose (Roche POCT)**	[mmol/L]				80								80	80	100							0		
Sample A		20,2	0,83	4,1	80								80	80	100							0		
(318) Roche Accu-Chek Inform II		20,4	0,62	3,1	70	0	CVPG	20	0,059	15%	17	23	70											
(320) Roche Accu-Chek Instant, Performa		16,6	0,36	2,2	10	0	CVPG	18,7	0,15	15%	15,8	21,6	10											
Sample B		4,39	0,21	4,9	80								80	80	100							0		
(318) Roche Accu-Chek Inform II		4,43	0,17	3,8	70	0	CVPG	4,36	0,013	±0,833	3,52	5,2	70											
(320) Roche Accu-Chek Instant, Performa		3,69	0,16	4,5	10	0	CVPG	4,06	0,041	±0,833	3,22	4,9	10											