Summary statistics - quantitative results

EQA round: GLC1/23 - Glucose (including glucometers)

Deadline: 25.4.2023

Setup: Slovakia

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]				12							0								12	12	100
Sample A												0								12	12	100
All results		4,2	0,13	3,1	12	0									CRV 4,256	0,043	15%	3,61	4,9	12		
Sample B												0								12	12	100
All results		6,93	0,29	4,2	12	0									CRV 7,006	0,07	15%	5,95	8,06	12		
(780) **Glucose (Nova POCT)**	[mmol/L]				17							17	17	100						0		
Sample A												17	17	100						0		
All results		4,11	0,14	3,5	17	0	CVP 4,13	0,026	±0,833	3,29	4,97	17										
Sample B												17	17	100						0		
All results		6,76	0,19	2,8	17	0	CVP 6,65	0,032	15%	5,65	7,65	17										
(781) **Glucose (Roche POCT)**	[mmol/L]				75							75	75	100						0		
Sample A		4,59	0,17	3,7	75							75	75	100						0		
(318) Roche Accu-Chek Inform II		4,61	0,16	3,4	70	0	CVPG 4,42	0,018	±0,833	3,58	5,26	70										
(320) Roche Accu-Chek Instant, Performa		4,05	0,074	1,8	5	0	CVPG 4,15	0,039	±0,833	3,31	4,99	5										
Sample B		7,56	0,23	3	75							75	75	100						0		
(318) Roche Accu-Chek Inform II		7,59	0,2	2,7	70	0	CVPG 7,29	0,026	15%	6,19	8,39	70										
(320) Roche Accu-Chek Instant, Performa		6,5	0,15	2,3	5	0	CVPG 6,82	0,066	15%	5,79	7,85	5										