

## EQA round: GHP2/23 - Glycated Haemoglobin POCT

Deadline: 20.10.2023

Setup: groups - measuring system; minimal size of the groups n = 5

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N<sub>tot</sub> = total number of the resultsN<sub>out</sub> = number of the results removed before calculation

AV = assigned value

CVE = consensus of the experts

U<sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)D<sub>max</sub> = acceptable difference

LL = lower limit

UL = upper limit

N<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
<b>(102) Haemoglobin A<sub>1c</sub></b>	[mmol/mol]				87							87	71	82	
<b>Sample A</b>		41,3	3,2	7,8	87		CVE	40,2	0,4	12%	35,3	45,1	87	76	87
(142) Siemens DCA Vantage		40	3	7,4	6	0							6		
(144) Infopia Clover		42,6	1,8	4,3	47	0							47		
(148) Aidian QuikRead go		39,5	2,8	7,1	15	0							15		
(999) another system		41,6	5	12	6	0							6		
Other					13	0							13		
							1x 0, 4x 143, 4x 145, 4x 150								
<b>Sample B</b>		61,9	2,9	4,8	87		CVE	61,2	0,8	12%	53,8	68,6	87	78	90
(142) Siemens DCA Vantage		60	3	4,9	6	0							6		
(144) Infopia Clover		62,7	2	3,2	47	0							47		
(148) Aidian QuikRead go		60,3	5,3	8,8	15	0							15		
(999) another system		62,1	4,6	7,4	6	0							6		
Other					13	0							13		
							1x 0, 4x 143, 4x 145, 4x 150								