Summary statistics - quantitative results

EQA round: CRP3/24 - C-Reactive Protein   Deadline: 23.8.2024

Setup: groups - M (measurement principle); minimal size of the groups n = 5

RoM = robust average	AV = assigned value
SD = standard deviation	CVP = consensus of all participants
CV = coefficient of variation	U_{AV} = expanded uncertainty of the assigned value (k = 2)
N_{tot} = total number of the results	
N_{out} = number of the results removed before calculation	

D_{max} = acceptable difference
LL = lower limit
UL = upper limit
N_{eva} = number of the results assessed
N_{suc} = number of successful results
S_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N_{tot}	N_{out}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(100) C-reactive protein	[mg/L]				246								246	242	98
Sample A		29,9	1,9	6,4	246		CVP	29,9	0,3	24%	22,7	37,1	246	244	99
(2) Immunoturbidimetry		30	1,9	6,3	234	0							234		
(3) Immunonephelometry		27,9	1,5	5,3	11	0							11		
Other					1	1							1		
							1x 99								
Sample B		9,02	0,69	7,6	246		CVP	9,02	0,11	24%	6,85	11,2	246	244	99
(2) Immunoturbidimetry		9,03	0,7	7,7	234	0							234		
(3) Immunonephelometry		8,74	0,56	6,4	11	0							11		
Other					1	0							1		
							1x 99								