

EQA round: BIL2/23 - Bilirubin Neonatal

Deadline: 25.8.2023

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N_{tot} = total number of the resultsN_{out} = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U_{AV} = expanded uncertainty of the assigned value (k = 2)D_{max} = acceptable difference

LL = lower limit

UL = upper limit

N_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						N _{eva}	N _{suc}	S _{rel} [%]
							AV	U _{AV}	D _{max}	LL	UL				
(215) Bilirubin total	[μmol/L]				17								17	17	100
Sample A		317	8,2	2,6	17		CVP	319	4,5	18%	261	377	17	17	100
(2) DCA, DPD		317	7,9	2,5	14	0							14		
Other					3	0							3		
							1x 1, 1x 5, 1x 7								
Sample B		205	11	5,2	17		CVP	208	3,1	18%	170	246	17	17	100
(2) DCA, DPD		204	12	5,6	14	0							14		
Other					3	0							3		
							1x 1, 1x 5, 1x 7								