

Setup: Slovakia

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

CVP = consensus of all participants

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>(135) Potassium cation (ISE)</b>	[mmol/L]				28							28	27	96
<b>Sample A</b>												28	27	96
All results		4,3	0,038	0,89	28	0	CVP	4,31	0,006	8%	3,96	4,66	28	
<b>Sample B</b>												28	28	100
All results		5,97	0,078	1,3	28	0	CVP	5,97	0,016	8%	5,49	6,45	28	
<b>(139) Glucose</b>	[mmol/L]				21							21	21	100
<b>Sample A</b>												21	21	100
All results		10,7	0,44	4,1	21	0	CVP	10,6	0,049	15%	9,01	12,2	21	
<b>Sample B</b>												21	21	100
All results		15,4	0,63	4,1	21	0	CVP	15,4	0,072	15%	13	17,8	21	
<b>(136) Chloride anion (ISE)</b>	[mmol/L]				28							28	27	96
<b>Sample A</b>												28	27	96
All results		95,6	2,6	2,7	28	0	CVP	95,1	0,32	7%	88,4	102	28	
<b>Sample B</b>												28	28	100
All results		126	1,6	1,3	28	0	CVP	126	0,24	7%	117	135	28	
<b>(169) Lactate</b>	[mmol/L]				20							20	19	95
<b>Sample A</b>												20	19	95
All results		2,53	0,13	5,3	20	0	CVP	2,48	0,017	18%	2,03	2,93	20	
<b>Sample B</b>												20	20	100
All results		6,8	0,42	6,2	20	0	CVP	6,87	0,043	18%	5,63	8,11	20	
<b>(132) pCO<sub>2</sub></b>	[kPa]				47							47	44	94
<b>Sample A</b>												47	46	98
All results		5,65	0,27	4,8	47	0	CVP	5,64	0,028	12%	4,96	6,32	47	
<b>Sample B</b>												47	45	96
All results		2,99	0,14	4,8	47	0	CVP	2,97	0,016	12%	2,61	3,33	47	
<b>(131) pH</b>	[-]				47							47	47	100
<b>Sample A</b>												47	47	100
All results		7,41	0,012	0,16	47	0	CVP	7,41	0,002	0,8%	7,35	7,47	47	
<b>Sample B</b>												47	47	100
All results		7,59	0,015	0,19	47	0	CVP	7,6	0,002	0,8%	7,53	7,67	47	
<b>(133) pO<sub>2</sub></b>	[kPa]				47							47	42	89
<b>Sample A</b>												47	45	96
All results		14,3	1,1	7,8	47	0	CVP	14,3	0,14	17%	11,8	16,8	47	
<b>Sample B</b>												47	43	91
All results		18,5	0,89	4,8	47	0	CVP	18,5	0,081	12%	16,2	20,8	47	
<b>(134) Sodium cation (ISE)</b>	[mmol/L]				28							28	27	96
<b>Sample A</b>												28	27	96
All results		132	1,4	1	28	0	CVP	132	0,16	5%	125	139	28	
<b>Sample B</b>												28	28	100
All results		158	2,8	1,7	28	0	CVP	159	0,29	5%	151	167	28	
<b>(137) Calcium cation (ISE)</b>	[mmol/L]				30							30	26	87
<b>Sample A</b>												30	30	100
All results		1,12	0,038	3,4	30	0	CVP	1,1	0,005	10%	0,99	1,21	30	
<b>Sample B</b>												30	26	87
All results		0,537	0,051	9,6	30	1	CVP	0,519	0,007	±0,1	0,419	0,619	30	