

Setup: all data

RoM = robust average	AV = assigned value	D <sub>max</sub> = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N <sub>tot</sub> = total number of the results		N <sub>eva</sub> = number of the results assessed
N <sub>out</sub> = number of the results removed before calculation		N <sub>suc</sub> = number of successful results
		S <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					
(135) Potassium cation (ISE)	[mmol/L]				300									300	298	99
Sample A														300	298	99
All results		6,11	0,12	2	300	1	CVP	6,11	0,017	8%	5,62	6,6	300			
Sample B														300	300	100
All results		4,31	0,077	1,8	300	0	CVP	4,31	0,011	8%	3,96	4,66	300			
(139) Glucose	[mmol/L]				280									280	279	100
Sample A														280	279	100
All results		15,6	0,46	2,9	280	1	CVP	15,6	0,067	15%	13,2	18	280			
Sample B														280	280	100
All results		10,7	0,34	3,2	280	0	CVP	10,7	0,05	15%	9,09	12,4	280			
(136) Chloride anion (ISE)	[mmol/L]				276									276	275	100
Sample A														276	276	100
All results		128	1,5	1,2	276	0	CVP	128	0,22	7%	119	137	276			
Sample B														276	275	100
All results		95,4	1,8	1,9	276	1	CVP	95,4	0,27	7%	88,7	103	276			
(169) Lactate	[mmol/L]				278									278	278	100
Sample A														278	278	100
All results		6,91	0,27	3,9	278	0	CVP	6,91	0,039	18%	5,66	8,16	278			
Sample B														278	278	100
All results		2,49	0,12	4,9	278	0	CVP	2,49	0,018	18%	2,04	2,94	278			
(132) pCO <sub>2</sub>	[kPa]				416									416	384	92
Sample A														416	390	94
All results		2,82	0,13	4,5	416	0	CVP	2,82	0,015	12%	2,48	3,16	416			
Sample B														416	402	97
All results		5,72	0,22	3,8	416	0	CVP	5,72	0,026	12%	5,03	6,41	416			
(131) pH	[-]				416									416	411	99
Sample A														416	411	99
All results		7,61	0,015	0,2	416	1	CVP	7,61	0,002	0,8%	7,54	7,68	416			
Sample B														416	416	100
All results		7,41	0,011	0,14	416	0	CVP	7,41	0,001	0,8%	7,35	7,47	416			
(133) pO <sub>2</sub>	[kPa]				416									416	396	95
Sample A														416	401	96
All results		18,6	0,7	3,7	416	0	CVP	18,6	0,084	12%	16,3	20,9	416			
Sample B														416	406	98
All results		14,1	1,2	8,2	416	0	CVP	14,1	0,14	17%	11,7	16,5	416			
(134) Sodium cation (ISE)	[mmol/L]				298									298	297	100
Sample A														298	297	100
All results		161	2	1,3	298	1	CVP	161	0,29	5%	152	170	298			
Sample B														298	298	100
All results		133	1,4	1,1	298	0	CVP	133	0,21	5%	126	140	298			
(137) Calcium cation (ISE)	[mmol/L]				348									348	328	94
Sample A														348	328	94
All results		0,496	0,05	10	348	3	CVP	0,496	0,007	±0,1	0,396	0,596	348			
Sample B														348	348	100
All results		1,09	0,034	3,1	348	0	CVP	1,09	0,005	10%	0,981	1,2	348			