

Complementary report for Drift Analysis VG 210179 da

Instrument	
Burette	DV 1010
Serial number	B504536332
Nominal volume	10 ml

Certificates involved		
a	VG 210179	7 May 2021
b	VG 190170	17 May 2019
c	VG 170146	28 March 2017

2		Certificate a: VG 210179				Date a: 7 May 2021			
1		Certificate b: VG 190170				Date b: 17 May 2019			
Burette stroke	Selected volume (ml)	Error2 (µl)	U2 (µl)	Error1 (µl)	U1 (µl)	Difference (µl)	En	IEI	Evaluation
10%	1	0,41	4	-2,24	4	2,65	0,47	0,47	Pass
30%	3	2,01	4	-2,58	4	4,59	0,81	0,81	Pass
50%	5	3,37	4	-1,90	4	5,27	0,93	0,93	Pass
100%	10	5,27	4	-2,18	4	7,45	1,32	1,32	Fail

2		Certificate b: VG 190170				Date b: 17 May 2019			
1		Certificate c: VG 170146				Date c: 28 March 2017			
Burette stroke	Selected volume (ml)	Error2 (µl)	U2 (µl)	Error1 (µl)	U1 (µl)	Difference (µl)	En	IEI	Evaluation
10%	1	-2,24	4	-1,63	4	-0,61	-0,11	0,11	Pass
30%	3	-2,58	4	-0,81	4	-1,77	-0,31	0,31	Pass
50%	5	-1,90	4	1,42	4	-3,32	-0,59	0,59	Pass
100%	10	-2,18	4	0,69	4	-2,87	-0,51	0,51	Pass

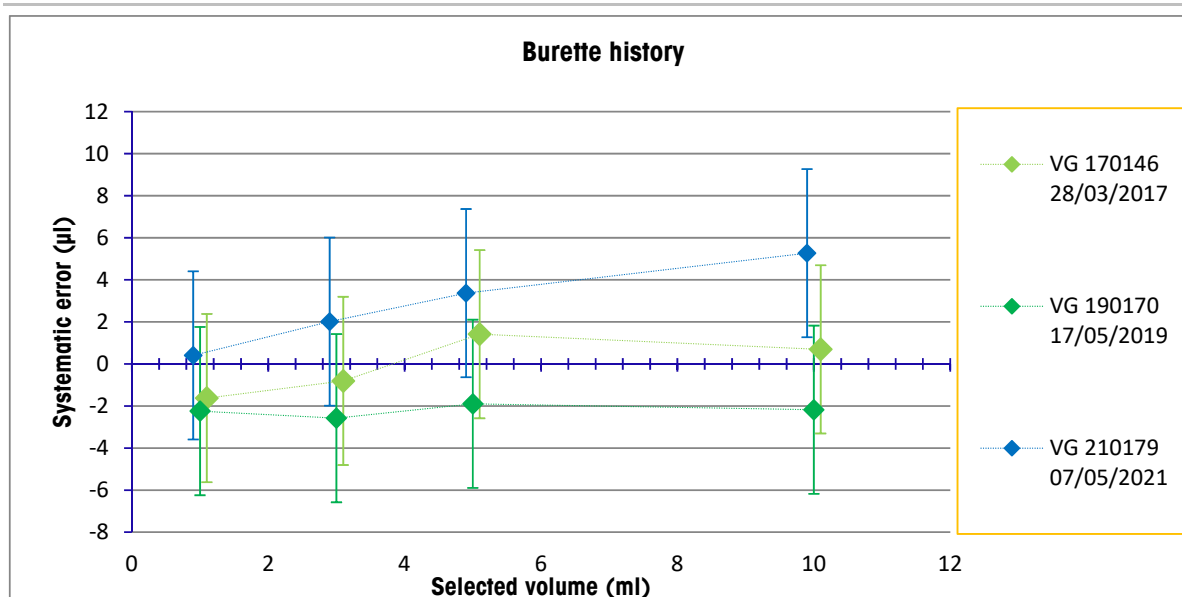
2		Certificate a: VG 210179				Date a: 7 May 2021			
1		Certificate c: VG 170146				Date c: 28 March 2017			
Burette stroke	Selected volume (ml)	Error2 (µl)	U2 (µl)	Error1 (µl)	U1 (µl)	Difference (µl)	En	IEI	Evaluation
10%	1	0,41	4	-1,63	4	2,04	0,36	0,36	Pass
30%	3	2,01	4	-0,81	4	2,82	0,50	0,50	Pass
50%	5	3,37	4	1,42	4	1,95	0,34	0,34	Pass
100%	10	5,27	4	0,69	4	4,58	0,81	0,81	Pass

Difference = (Error2-Error1)

En = (Difference)/√(U2²+U1²)

Pass if IEI ≤ 1

Remarks There is a small discrepancy between 2019 and 2021 calibrations. As 2021 and 2017 calibrations are in agreement this certificate 210179VG is accepted.



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