

# Complementary report for Drift Analysis VG 210178 da

| Instrument     |            |
|----------------|------------|
| Burette        | DV 1005    |
| Serial number  | B504536334 |
| Nominal volume | 5 ml       |

| Certificates involved |           |               |
|-----------------------|-----------|---------------|
| a                     | VG 210178 | 7 May 2021    |
| b                     | VG 190169 | 16 May 2019   |
| c                     | VG 170145 | 28 March 2017 |

| 2              |                      | Certificate a: VG 210178 |         |             |         |                 | Date a: 7 May 2021  |      |            |
|----------------|----------------------|--------------------------|---------|-------------|---------|-----------------|---------------------|------|------------|
| 1              |                      | Certificate b: VG 190169 |         |             |         |                 | Date b: 16 May 2019 |      |            |
| Burette stroke | Selected volume (ml) | Error2 (µl)              | U2 (µl) | Error1 (µl) | U1 (µl) | Difference (µl) | En                  | IEI  | Evaluation |
| 10%            | 0,5                  | -0,28                    | 2,5     | -0,99       | 2,5     | 0,71            | 0,20                | 0,20 | Pass       |
| 30%            | 1,5                  | -0,33                    | 2,5     | -0,55       | 2,5     | 0,22            | 0,06                | 0,06 | Pass       |
| 50%            | 2,5                  | 2,26                     | 2,5     | 0,14        | 2,5     | 2,12            | 0,60                | 0,60 | Pass       |
| 100%           | 5                    | 0,55                     | 2,5     | -0,56       | 2,5     | 1,11            | 0,31                | 0,31 | Pass       |

| 2              |                      | Certificate b: VG 190169 |         |             |         |                 | Date b: 16 May 2019   |      |            |
|----------------|----------------------|--------------------------|---------|-------------|---------|-----------------|-----------------------|------|------------|
| 1              |                      | Certificate c: VG 170145 |         |             |         |                 | Date c: 28 March 2017 |      |            |
| Burette stroke | Selected volume (ml) | Error2 (µl)              | U2 (µl) | Error1 (µl) | U1 (µl) | Difference (µl) | En                    | IEI  | Evaluation |
| 10%            | 0,5                  | -0,99                    | 2,5     | -0,29       | 2,5     | -0,70           | -0,20                 | 0,20 | Pass       |
| 30%            | 1,5                  | -0,55                    | 2,5     | 0,11        | 2,5     | -0,66           | -0,19                 | 0,19 | Pass       |
| 50%            | 2,5                  | 0,14                     | 2,5     | 0,17        | 2,5     | -0,03           | -0,01                 | 0,01 | Pass       |
| 100%           | 5                    | -0,56                    | 2,5     | -0,50       | 2,5     | -0,06           | -0,02                 | 0,02 | Pass       |

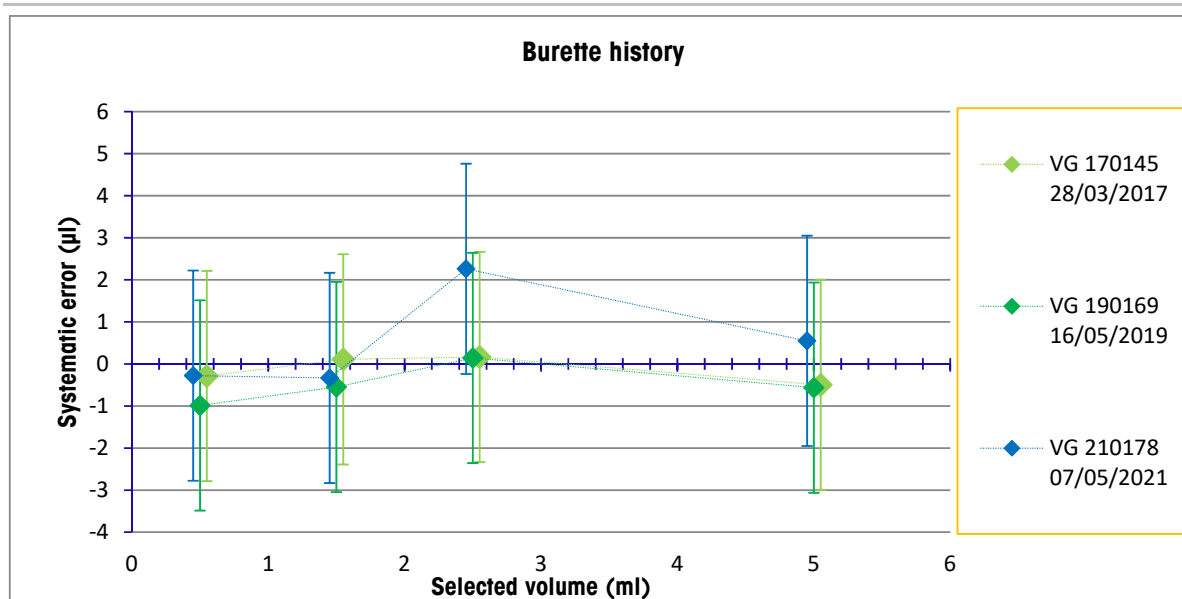
| 2              |                      | Certificate a: VG 210178 |         |             |         |                 | Date a: 7 May 2021    |      |            |
|----------------|----------------------|--------------------------|---------|-------------|---------|-----------------|-----------------------|------|------------|
| 1              |                      | Certificate c: VG 170145 |         |             |         |                 | Date c: 28 March 2017 |      |            |
| Burette stroke | Selected volume (ml) | Error2 (µl)              | U2 (µl) | Error1 (µl) | U1 (µl) | Difference (µl) | En                    | IEI  | Evaluation |
| 10%            | 0,5                  | -0,28                    | 2,5     | -0,29       | 2,5     | 0,01            | 0,00                  | 0,00 | Pass       |
| 30%            | 1,5                  | -0,33                    | 2,5     | 0,11        | 2,5     | -0,44           | -0,12                 | 0,12 | Pass       |
| 50%            | 2,5                  | 2,26                     | 2,5     | 0,17        | 2,5     | 2,09            | 0,59                  | 0,59 | Pass       |
| 100%           | 5                    | 0,55                     | 2,5     | -0,50       | 2,5     | 1,05            | 0,30                  | 0,30 | Pass       |

Difference = (Error2-Error1)

En = (Difference)/√(U2<sup>2</sup>+U1<sup>2</sup>)

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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