

# Untitled study

Glucose (mmol/L) · Sample carryover · 21-position sequence × Criteria not met

Study date Not recorded

Table 1. Acceptance criteria

| Question                    | Limit                                                              | Allowed                           | Finding                         | Result                 |
|-----------------------------|--------------------------------------------------------------------|-----------------------------------|---------------------------------|------------------------|
| Carryover below error limit | Level A < 0.474341649025 mmol/L;<br>Level B < 0.34205262753 mmol/L | <div><div></div><div></div></div> | 1 of 2 runs within<br>1 not met | × Not met <sup>a</sup> |

<sup>a</sup> Signed carryover must be strictly below the error limit; equality does not pass.

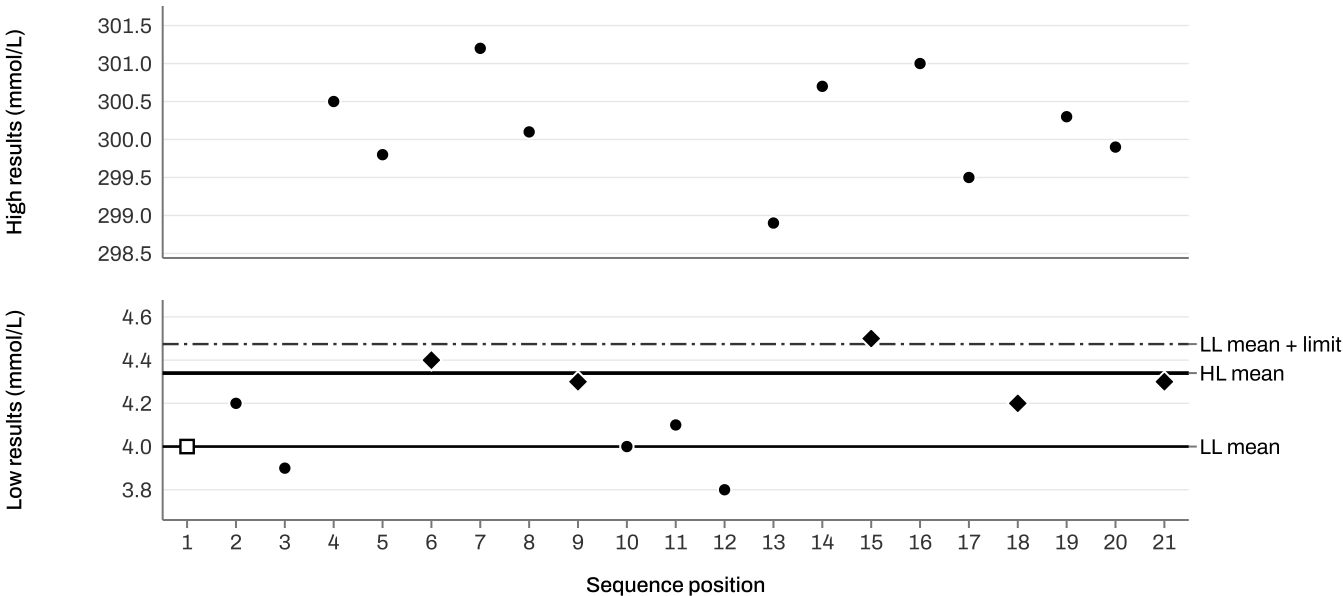


Figure 1. Run A in sequence order. Circles: low after low (LL); diamonds: low after high (HL); square: initial low.

Table 2. Carryover by run (mmol/L)

| Run | LL mean | LL SD | HL mean | HL – LL | Error limit | Decision  |
|-----|---------|-------|---------|---------|-------------|-----------|
| A   | 4.00    | 0.158 | 4.34    | +0.340  | 0.474       | ✓ Met     |
| B   | 4.04    | 0.114 | 5.00    | +0.960  | 0.342       | × Not met |

## Study details

|                  |                                                                                             |      |                 |          |                       |
|------------------|---------------------------------------------------------------------------------------------|------|-----------------|----------|-----------------------|
| Data             | 42 included                                                                                 | Runs | 2 of 2 complete | Sequence | 21 · 11 low / 10 high |
| Source of limits | pSMILE Carryover Guidelines VAL 2015 v1.1 (reviewed 2025): 3 × sample SD of Low-Low results |      |                 |          |                       |

Signed off by

Date

# A    Data listing

Source: manual entry. 42 rows, all included.

| Study row | Run | Pos. | Role | Material | Result (mmol/L) |
|-----------|-----|------|------|----------|-----------------|
| 1         | A   | 1    | low  | LOW-01   | 4.0             |
| 2         | A   | 2    | low  | LOW-01   | 4.2             |
| 3         | A   | 3    | low  | LOW-01   | 3.9             |
| 4         | A   | 4    | high | HIGH-01  | 300.5           |
| 5         | A   | 5    | high | HIGH-01  | 299.8           |
| 6         | A   | 6    | low  | LOW-01   | 4.4             |
| 7         | A   | 7    | high | HIGH-01  | 301.2           |
| 8         | A   | 8    | high | HIGH-01  | 300.1           |
| 9         | A   | 9    | low  | LOW-01   | 4.3             |
| 10        | A   | 10   | low  | LOW-01   | 4.0             |
| 11        | A   | 11   | low  | LOW-01   | 4.1             |
| 12        | A   | 12   | low  | LOW-01   | 3.8             |
| 13        | A   | 13   | high | HIGH-01  | 298.9           |
| 14        | A   | 14   | high | HIGH-01  | 300.7           |
| 15        | A   | 15   | low  | LOW-01   | 4.5             |
| 16        | A   | 16   | high | HIGH-01  | 301.0           |
| 17        | A   | 17   | high | HIGH-01  | 299.5           |
| 18        | A   | 18   | low  | LOW-01   | 4.2             |
| 19        | A   | 19   | high | HIGH-01  | 300.3           |
| 20        | A   | 20   | high | HIGH-01  | 299.9           |
| 21        | A   | 21   | low  | LOW-01   | 4.3             |
| 22        | B   | 1    | low  | LOW-01   | 4.1             |
| 23        | B   | 2    | low  | LOW-01   | 4.0             |
| 24        | B   | 3    | low  | LOW-01   | 4.2             |
| 25        | B   | 4    | high | HIGH-01  | 300.5           |
| 26        | B   | 5    | high | HIGH-01  | 299.8           |
| 27        | B   | 6    | low  | LOW-01   | 5.1             |
| 28        | B   | 7    | high | HIGH-01  | 301.2           |
| 29        | B   | 8    | high | HIGH-01  | 300.1           |
| 30        | B   | 9    | low  | LOW-01   | 4.9             |
| 31        | B   | 10   | low  | LOW-01   | 4.1             |
| 32        | B   | 11   | low  | LOW-01   | 3.9             |
| 33        | B   | 12   | low  | LOW-01   | 4.0             |
| 34        | B   | 13   | high | HIGH-01  | 298.9           |
| 35        | B   | 14   | high | HIGH-01  | 300.7           |
| 36        | B   | 15   | low  | LOW-01   | 5.2             |
| 37        | B   | 16   | high | HIGH-01  | 301.0           |
| 38        | B   | 17   | high | HIGH-01  | 299.5           |
| 39        | B   | 18   | low  | LOW-01   | 5.0             |
| 40        | B   | 19   | high | HIGH-01  | 300.3           |
| 41        | B   | 20   | high | HIGH-01  | 299.9           |
| 42        | B   | 21   | low  | LOW-01   | 4.8             |

# 1 Results

## 1.1 Run B

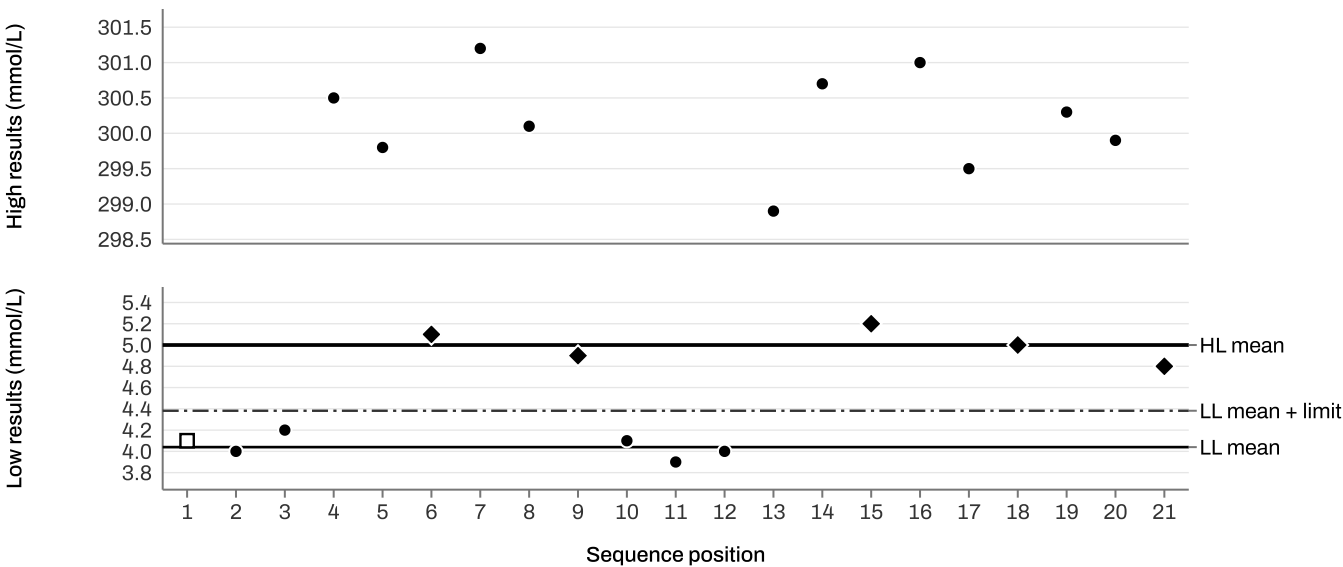


**Figure 2.** Run B in sequence order. Circles: low after low (LL); diamonds: low after high (HL); square: initial low.