

Glucose · single-run repeatability

Glucose (mg/dL) · Repeatability (single run) ✗ Criteria not met

2 of 2 questions judged · Within-run CV not met · Mean near assigned value met

Instrument **Chemistry analyzer A** Study date **Sep 22, 2026**

Table 1. Acceptance criteria

Question	Limit	Allowed	Finding	Result
Within-run CV	≤ 0.8%		0.93%	✗ Not met
Mean near assigned value	Within ±2% of 100 mg/dL		100.17 mg/dL 0.17% from target	✓ Met

Result (mg/dL)

✗ Excluded row 9: 1004 (off scale)

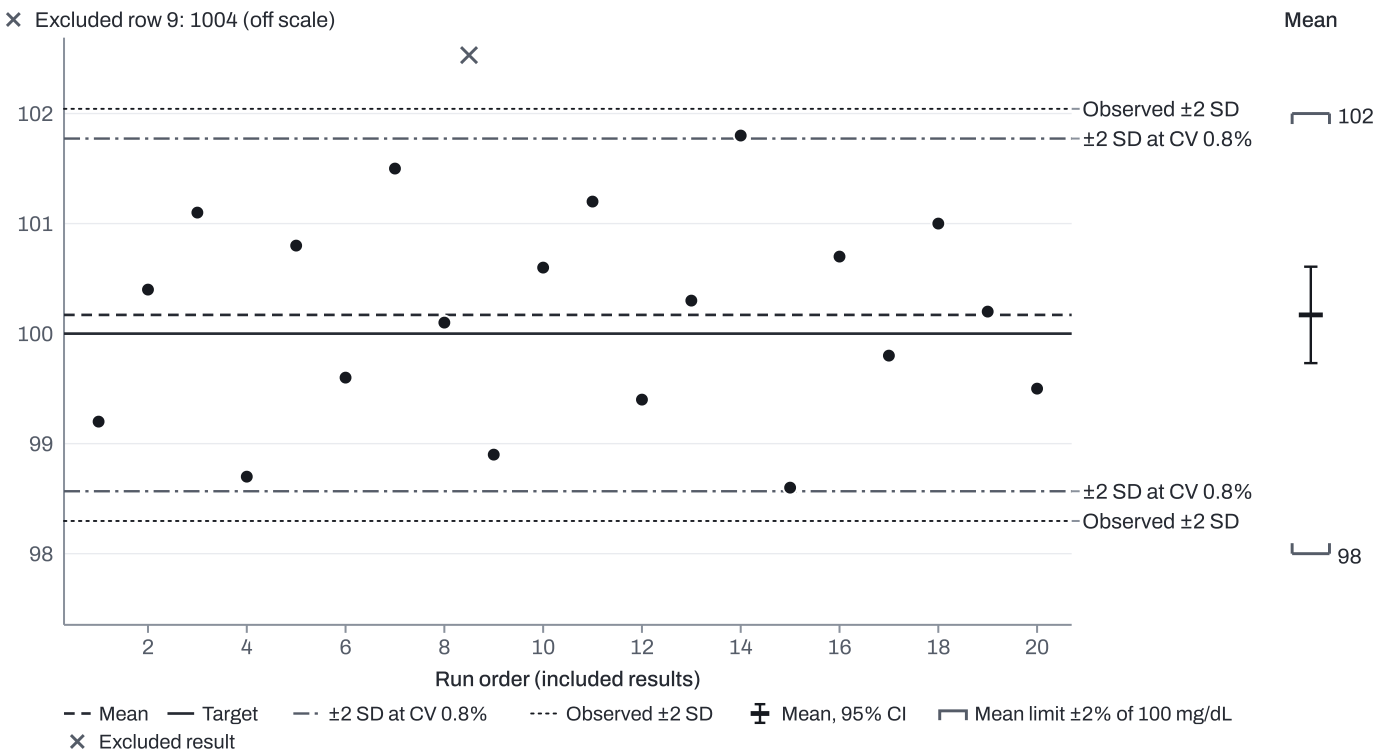


Figure 1. Results in run order.

Supporting estimates · SD 0.936 mg/dL

Study details

Matrix	Serum	Method	Hexokinase	Reagent lot	GLU-R2609
Calibrator lot	GLU-C2609	Data	20 included · 1 excluded		

alex.rivera@example.test

Signed off by

Oct 23, 2026, 13:23 UTC

Date

A Data listing

Source: repeatability.csv. Specimen QC-001. 21 rows.

Study row	Result (mg/dL)	Replicate	Included	Source row
1	99.2	1	Yes	2
2	100.4	2	Yes	3
3	101.1	3	Yes	4
4	98.7	4	Yes	5
5	100.8	5	Yes	6
6	99.6	6	Yes	7
7	101.5	7	Yes	8
8	100.1	8	Yes	9
9 [1]	1004	E1	No	10
10	98.9	9	Yes	11
11	100.6	10	Yes	12
12	101.2	11	Yes	13
13	99.4	12	Yes	14
14	100.3	13	Yes	15
15	101.8	14	Yes	16
16	98.6	15	Yes	17
17	100.7	16	Yes	18
18	99.8	17	Yes	19
19	101.0	18	Yes	20
20	100.2	19	Yes	21
21	99.5	20	Yes	22

1. Study row 9: Excluded: Transcription error; excluded from analysis. Original entry retained.

1 Results

1.1 Additional estimates

Table 2. Median and range

Estimate	Value (mg/dL)
Median	100.25
Lowest–highest	98.6–101.8

2 Study notes

1. Row 9 (1004 mg/dL) was excluded: Transcription error. The full reason is in the data listing.