

Glucose · repeatability · Chemistry analyzer A

Glucose (mg/dL) · Repeatability (single run) ✓ Criteria met

Instrument **Chemistry analyzer A (CA-41027)** Study date **Sep 8, 2026**

Table 1. Acceptance criteria

Question	Limit	Allowed	Finding	Result
Sample SD	Level 1 SD ≤ 1.8 mg/dL; Level 2 SD ≤ 5.7 mg/dL		2 of 2 levels within	✓ Met

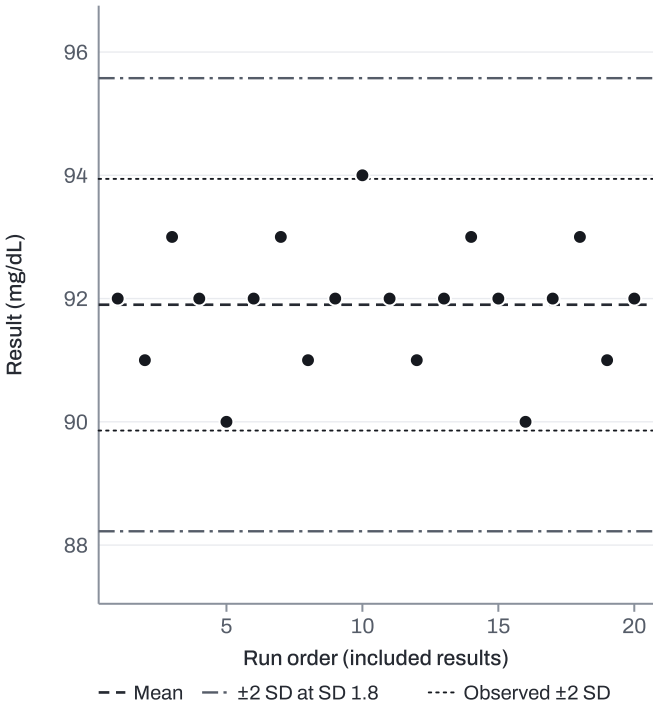


Figure 1. Level 1: results in run order.

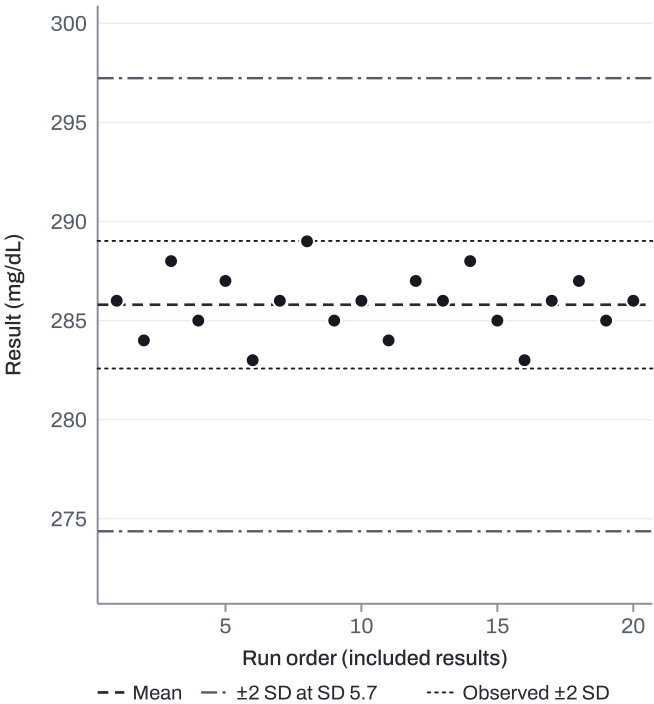


Figure 2. Level 2: results in run order.

Table 2. Results by level (mg/dL)

Level	Mean	Mean 95% CI	SD	CV (%)	Result
1	91.9	91.4–92.4	1.02	1.1	✓ Met
2	285.8	285.0–286.6	1.61	0.6	✓ Met

Study details

Matrix Serum	Method Hexokinase	Reagent lot GLU-R2609
Calibrator lot GLU-C2609	Data 40 included	

Alex Rivera, MLS(ASCP)
alex.rivera@example.test

Signed off by

Oct 23, 2026, 13:24 UTC

Date

A Data listing

Source: CHEM-A_QC-2611_within-run_20260908.csv. 40 rows, all included.

Study row	Specimen	Level	Result (mg/dL)	Replicate	Source row
1	QC-2611 L1	1	92	1	2
2	QC-2611 L1	1	91	2	3
3	QC-2611 L1	1	93	3	4
4	QC-2611 L1	1	92	4	5
5	QC-2611 L1	1	90	5	6
6	QC-2611 L1	1	92	6	7
7	QC-2611 L1	1	93	7	8
8	QC-2611 L1	1	91	8	9
9	QC-2611 L1	1	92	9	10
10	QC-2611 L1	1	94	10	11
11	QC-2611 L1	1	92	11	12
12	QC-2611 L1	1	91	12	13
13	QC-2611 L1	1	92	13	14
14	QC-2611 L1	1	93	14	15
15	QC-2611 L1	1	92	15	16
16	QC-2611 L1	1	90	16	17
17	QC-2611 L1	1	92	17	18
18	QC-2611 L1	1	93	18	19
19	QC-2611 L1	1	91	19	20
20	QC-2611 L1	1	92	20	21
21	QC-2611 L2	2	286	1	22
22	QC-2611 L2	2	284	2	23
23	QC-2611 L2	2	288	3	24
24	QC-2611 L2	2	285	4	25
25	QC-2611 L2	2	287	5	26
26	QC-2611 L2	2	283	6	27
27	QC-2611 L2	2	286	7	28
28	QC-2611 L2	2	289	8	29
29	QC-2611 L2	2	285	9	30
30	QC-2611 L2	2	286	10	31
31	QC-2611 L2	2	284	11	32
32	QC-2611 L2	2	287	12	33
33	QC-2611 L2	2	286	13	34
34	QC-2611 L2	2	288	14	35
35	QC-2611 L2	2	285	15	36
36	QC-2611 L2	2	283	16	37

Study row	Specimen	Level	Result (mg/dL)	Replicate	Source row
37	QC-2611 L2	2	286	17	38
38	QC-2611 L2	2	287	18	39
39	QC-2611 L2	2	285	19	40
40	QC-2611 L2	2	286	20	41

1 Results

1.1 Additional estimates

Table 3. Median and range (mg/dL)

Level	Median	Lowest–highest
1	92.0	90–94
2	286.0	283–289