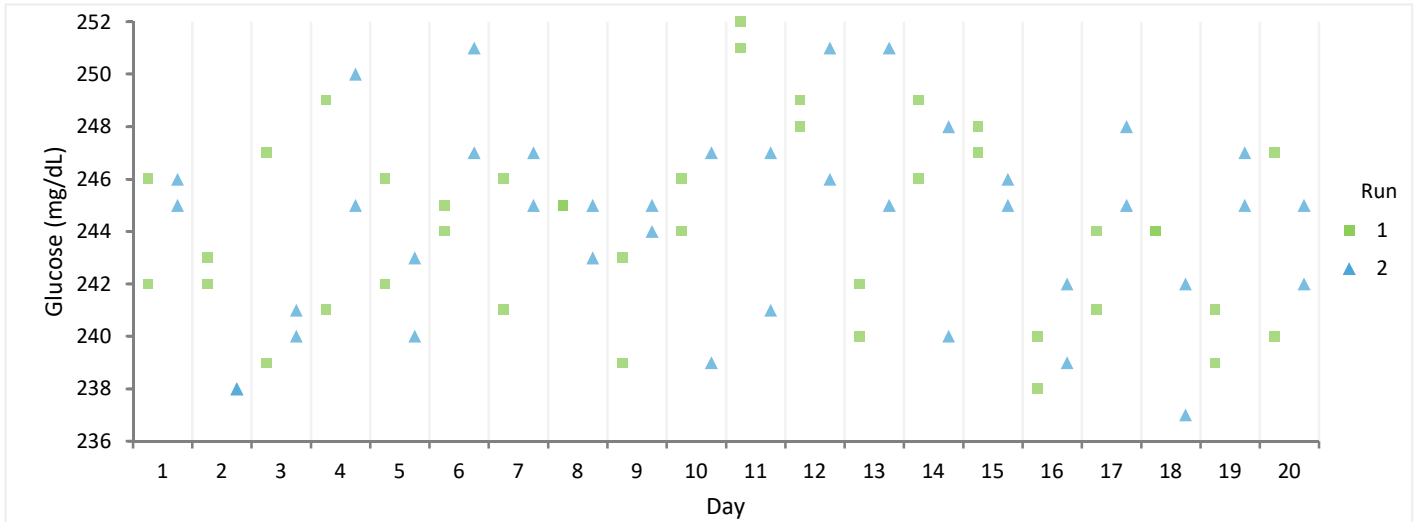


MSA: Glucose

CLSI EP05-A2 - Appendix B

Last updated 10 August 2018 at 12:13 by Simon

Descriptives



N | 80
Design | 20 Day x 2 Run x 2 Observations

Precision

	Mean	Repeatability SD	Repeatability CV	Within Laboratory SD	Within Laboratory CV
	244.2	2.8	1.2%	3.6	1.5%

Component	% of Total	SD	Exact / Satterthwaite 95% CI	CV
Repeatability	61.1%	2.8	2.3 to 3.6	1.2%
Between Run	23.8%	1.8		0.7%
Within Day	84.9%	3.3	2.7 to 4.2	1.4%
Between Day	15.1%	1.4		0.6%
Within Laboratory	100.0%	3.6	3.1 to 4.3	1.5%

ANOVA

Source	SS	DF	MS	Expected MS
Day	415.8	19	21.9	$\sigma^2_{\text{Error}} + 2\sigma^2_{\text{Run}(\text{Day})} + 4\sigma^2_{\text{Day}}$
Run(Day)	281.0	20	14.1	$\sigma^2_{\text{Error}} + 2\sigma^2_{\text{Run}(\text{Day})}$
Error	316.0	40	7.9	σ^2_{Error}