Precision was determined as described in Clinical and Laboratory Standards Institute (CLSI) protocol NCCLS EP05-A3 on a single Architect c8000 system. Three levels of commercial controls containing acetaminophen were used in the study. Each level of control was assayed in duplicate twice a day for 20 days. Each of the runs per day was separated by at least 2 hours. The means were calculated, and the between day, within run, and total SD and percent CVs were calculated. Representative results are shown below. It is recommended that customers establish performance criteria specific to their laboratory.

Acceptance Criteria:

≤ 5.0 % total CV

Sample		Level 1	Level 2	Level 3
N		80	80	80
Mean µmol/L (mg/L)		61 (9.3)	258 (38.9)	736 (111.1)
Within Run	SD	0.5 (0.09)	0.9 (0.13)	2.0 (0.31)
	%CV	0.8 (0.9)	0.3 (0.3)	0.3 (0.3)
Between Run	SD	0.3 (0.05)	0.7 (0.10)	2.3 (0.35)
	%CV	0.5 (0.6)	0.3 (0.2)	0.3 (0.3)
Between Day	SD	0.2 (0.04)	0.9 (0.13)	2.3 (0.35)
	%CV	0.4 (0.4)	0.4 (0.3)	0.3 (0.3)
Total	SD	0.6 (0.11)	1.4 (0.21)	3.8 (0.58)
	%CV	1.1 (1.1)	0.5 (0.5)	0.5 (0.5)