



Interference Study, continued

Table 2.3 Results Ascorbic Acid (c1 = 4000 mg/L ; c2 = 400mg/L; c3 = 700 mg/L; c4 = 600 mg/L; c5 = 1500 mg/L; c6 = 1000 mg/L)

Reference		Agreement to Reference[%]			
Analyte concentration a1	Analyte concentration a2	Analyte a1+ Interferent c1	Analyte a2+ Interferent c1	Analyte a1+ Interferent c2	Analyte a2+ Interferent c2
LEU neg	25 Leu/μL	100	100	100	100
KET neg	KET 5 mg/dL	100	100	100	100
GLU norm	GLU 50 mg/dL	100	0	100	100
PRO neg	PRO 25 mg/dL	100	100	100	100
UBG norm	UBG 1 mg/dL	100	100	100	100
BIL neg	BIL 1.6 mg/dL	100	100	100	100
Further testing:		Analyte a1+ Interferent c3	Analyte a2+ Interferent c3	Analyte a1+ Interferent c4	Analyte a2+ Interferent c4
ERY neg	10 Ery/μL	100	100	100	100
		Analyte a1+ Interferent c5	Analyte a2+ Interferent c5	Analyte a1+ Interferent c6	Analyte a2+ Interferent c6
NIT neg	NIT positive	100	100	100	100

GLU: no interference up to 400 mg/L Ascorbic Acid; ERY: no interference up to 700 mg/L Ascorbic Acid; NIT: no interference up to 1500 mg/L Ascorbic Acid, all other analytes: no interference up to 4000 mg/L Ascorbic Acid