

Measurement Uncertainty (MU)										
Ethanol in blood										
Values from GCFID				Sources of Uncertainty	Type A or B	% RSD	Distribution Model	Divisor	Standard Uncertainty	
A Front		g/100mL		Repeatability	A	#DIV/0!	Experimental	1	#DIV/0!	
A Middle		g/100mL		Calibrators	B	0.2490%	Rectangular	√3	0.1438%	
B Front		g/100mL		Draw	B	0.8000%	Rectangular	√3	0.4619%	
B Middle		g/100mL		Dispense	B	0.6250%	Rectangular	√3	0.3608%	
Standard Deviation		#DIV/0!	g/100mL	Bias	B		Rectangular	√3	0.0000%	
Average of Values		#DIV/0!	g/100mL							
				Combined Standard Uncertainty =				#DIV/0!		
				Expanded Uncertainty =				#DIV/0!		
Results =	#DIV/0! #DIV/0!									
Approved for use by:					Elizabeth Van, Forensic Supervisor- Chemistry Unit					