

	Test	Critical Low	Critical High	Comments
B I O C H E M I S T R Y	Acetaminophen		> 992 mcmmol/L	Possible toxicity at 4 hr post ingestion
	Ammonia		> 30 mcmmol/L	
	Bicarbonate (Total CO ₂)	< 10 mmol/L	> 40 mmol/L	
	Bilirubin		> 300 mcmmol/L	Infant
	Calcium	< 1.65 mmol/L	> 3.25 mmol/L	
	Chloride	< 80	> 115	
	Creatinine		> 650 mmol/L	
	Ethanol		> 22 mmol/L	Depression of Central Nervous System
	Glucose	< 2.0 mmol/L	> 20.0 mmol/L	
	Magnesium	< 0.40 mmol/L	> 2.50 mmol/L	
	Phosphate	< 0.30 mmol/L	> 2.00 mmol/L	
	Potassium	< 2.5 mmol/L	> 6.0 mmol/L	Always comment if specimen is hemolyzed or not
	Salicylate		>2.2 mmol/L	Toxic
	Sodium	< 120 mmol/L	> 160 mmol/L	
	Total Protein	< 40 g/L	> 120 g/L	
Urea		> 35.0 mmol/L		
B G L A D S	pH	< 7.20	> 7.60	Arterial Sample
	pCO ₂	< 20 mmHg	> 70 mmHg	Arterial Sample
	pO ₂	< 45 mmHg		Arterial Sample
C B C	Hemoglobin	< 80 g/L	> 200 g/L	
	Leukocytes	≤ 2.0 x 10 ⁹ /L	≥ 25.0 x 10 ⁹ /L	
	Platelets	< 50 x 10 ⁹ /L	> 1000 x 10 ⁹ /L	
C O A G	INR		≥ 3.5	Therapeutic Levels
	PTT		> 75 seconds	
	D-Dimer		> 500 ng/ml	
	Fibrinogen	≤ 1.0 g/L		
M I C R O	Positive results from direct examination (Gram Stain) of normally sterile body fluids/sites including Blood Culture, CSF Culture, Tissue Culture			
	Positive culture results from normally sterile body fluids/sites including Blood Culture, CSF Culture and Tissue Culture			