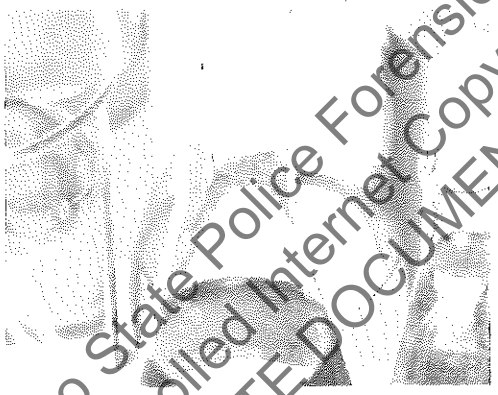
Idaho State Police
Forensic Services

Approval for Quality System Controlled Documents



Discipline/Name of Document: Toxicology – BAC Calculation Excel Spreadsheet (casefile, calibrators and controls tabs)

Revision Number: 1

Issue Date: 8/16/2007

APPROVED BY: Corinna C Dudley
Quality Manager

8/16/07
Date Signed

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: **Analysis Date(s):**

Sample Type: ☐ **Blood** ☐ **Vitreous Humor** ☐ **Urine**

	Column 1 Channel A	Column 2 Channel B	Column Precision	Mean Value	Over-all Mean	Reported Result
Sample Results			0.0000	#DIV/0!	#DIV/0!	#DIV/0!
(g/100cc)			0.0000	#DIV/0!		

Analysis Method

Refer to Toxicology Analytical Method 4.1.

Instrument Information

Columns

Vendor	Column	Channel	Film thickness	Length	ID	

Gas Chromatograph Instrumental Temperature Conditions

Initial Oven	Ramp Rate	Final Oven	Hold	Injection Port	Detector A	Detector B

Headspace Analyzer Instrumental Conditions

Needle Temperature			Sample Oven	
Transfer Line			Cycle Time	
Thermostating Time			Pressurization Time	
Injection Time			Withdrawal Time	

Calibration and control data are stored centrally. **Analyst:** _____ **Page** ____ **of** _____

Quantitative Analysis for Ethanol

Ethanol Calibration Standards **Run Date(s):**

	0.05g/100cc		0.08g/100cc		0.10g/100cc	
Source of Standard						
Lot Number						
Results for Column 1 Channel (A)						
Results for Column 2 Channel (B)						
Column Precision	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mean	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

	0.20g/100cc		0.30g/100cc		0.40g/100cc	
Source of Standard						
Lot Number						
Results for Column 1 Channel (A)						
Results for Column 2 Channel (B)						
Column Precision	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mean	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Analyst: _____ **Page** ____

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Volatiles Quality Assurance Controls **Run Date(s):**

Control Type								
Mean Value								
Acceptable Range								
Source of Control								
Lot Number								
Results for Column 1 Channel (A)								
Results for Column 2 Channel (B)								
Column Precision	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sample Mean	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Control Type							ISTD Blank
Mean Value							
Acceptable Range							
Source of Control							
Lot Number							
Results for Column 1 Channel (A)							
Results for Column 2 Channel (B)							
Column Precision	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Sample Mean	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

Analyst: _____ **Page** _____