

Alcohol Quantification Report

Organization: BAC Tracker International, Inc.
Reference ID# 2011-BAC-0001

Report Generated 9/21/2011

Subject Information

Name: Doe, John	Weight (lb): 183
Age: 29	Height (in): 72
Gender: Male	

Alcohol Consumption Information

Volume Distribution

Widmark: **0.680**
 Watson: **0.674**
 Forrest: **0.717**
 Seidl: **0.763**
 Ulrich: **0.734**
 Pos.-Moz.: **0.713**

Elimination Range (g/dl/hr)

Avg.
0.018

	<u>Median</u>	<u>(+/-)</u>
Volume (oz) (100% alc/vol):	4.42	0.27
Mass (g) EtOH (100% alc/vol):	103.20	6.37
Total # Standard Drinks:	7.37	0.46

One drink is equivalent to 0.6 oz of ethanol (100% alc/vol)

<u>Pos.-Moz.</u>	(+ / -)		<u>Watson</u>	(+ / -)		<u>Seidl</u>	(+ / -)	
Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.39	0.13	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.15	0.12	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.70	0.14
Mass (g) EtOH <i>(100% Alc/Vol)</i>	102.45	2.96	Mass (g) EtOH <i>(100% Alc/Vol)</i>	96.82	2.80	Mass (g) EtOH <i>(100% Alc/Vol)</i>	109.57	3.17
Total # Standard Drinks	7.32	0.21	Total # Standard Drinks	6.92	0.20	Total # Standard Drinks	7.83	0.23
Time Elapsed (hrs)	6.00		Time Elapsed (hrs)	6.00		Time Elapsed (hrs)	6.00	
BAC (g/dl)	0.068		BAC (g/dl)	0.068		BAC (g/dl)	0.068	
Known BAC +/-	0.005		Known BAC +/-	0.005		Known BAC +/-	0.005	
<u>Widmark</u>	(+ / -)		<u>Forrest</u>	(+ / -)		<u>Ulrich</u>	(+ / -)	
Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.18	0.12	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.41	0.13	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.52	0.13
Mass (g) EtOH <i>(100% Alc/Vol)</i>	97.65	2.82	Mass (g) EtOH <i>(100% Alc/Vol)</i>	102.94	2.98	Mass (g) EtOH <i>(100% Alc/Vol)</i>	105.38	3.05
Total # Standard Drinks	6.97	0.20	Total # Standard Drinks	7.35	0.21	Total # Standard Drinks	7.53	0.22
Time Elapsed (hrs)	6.00		Time Elapsed (hrs)	6.00		Time Elapsed (hrs)	6.00	
BAC (g/dl)	0.068		BAC (g/dl)	0.068		BAC (g/dl)	0.068	
Known BAC +/-	0.005		Known BAC +/-	0.005		Known BAC +/-	0.005	

The above results represent estimations of blood alcohol concentration using empirically derived, peer reviewed, published formulae. The accuracy of these estimations is contingent upon the information provided.