

Alcohol Quantification Report

Organization: BAC Tracker International, Inc.
Reference ID# 0000-0000

Report Generated 1/26/2013

Subject Information

Name: Doe, John	Weight (lb): 192
Age: 37	Height (in): 72
Gender: Male	

Alcohol Consumption Information

Volume Distribution

Widmark: **0.680**
 Watson: **0.651**
 Forrest: **0.702**
 Seidl: **0.743**
 Ulrich: **0.715**
 Pos.-Moz.: **0.698**

Elimination Range (g/dl/hr)

Low Range	High Range	Avg.
0.010	0.025	0.018

	Median	(+/-)
Volume (oz) (100% alc/vol):	3.89	1.39
Mass (g) EtOH (100% alc/vol):	90.86	32.46
Total # Standard Drinks:	6.49	2.32

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>	3.82	1.14	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	3.57	1.06	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	4.07	1.21
Mass (g) EtOH <i>(100% Alc/Vol)</i>	89.22	26.60	Mass (g) EtOH <i>(100% Alc/Vol)</i>	83.19	24.80	Mass (g) EtOH <i>(100% Alc/Vol)</i>	95.00	28.32
Total # Standard Drinks	6.37	1.90	Total # Standard Drinks	5.94	1.77	Total # Standard Drinks	6.79	2.02
Time Elapsed (hr:min)	4:30		Time Elapsed (hr:min)	4:30		Time Elapsed (hr:min)	4:30	
BAC (g/dl)	0.068		BAC (g/dl)	0.068		BAC (g/dl)	0.068	
Known BAC +/-	0.010		Known BAC +/-	0.010		Known BAC +/-	0.010	
<u>Widmark</u>	(+ / -)		<u>Forrest</u>	(+ / -)		<u>Ulrich</u>	(+ / -)	
Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	3.72	1.11	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	3.85	1.15	Volume (oz) Ethanol <i>(100% Alc/Vol)</i>	3.92	1.17
Mass (g) EtOH <i>(100% Alc/Vol)</i>	86.91	25.91	Mass (g) EtOH <i>(100% Alc/Vol)</i>	89.72	26.75	Mass (g) EtOH <i>(100% Alc/Vol)</i>	91.38	27.24
Total # Standard Drinks	6.21	1.85	Total # Standard Drinks	6.41	1.91	Total # Standard Drinks	6.53	1.95
Time Elapsed (hr:min)	4:30		Time Elapsed (hr:min)	4:30		Time Elapsed (hr:min)	4:30	
BAC (g/dl)	0.068		BAC (g/dl)	0.068		BAC (g/dl)	0.068	
Known BAC +/-	0.010		Known BAC +/-	0.010		Known BAC +/-	0.010	

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.