

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)

Low Range	High Range	Avg.
0.010	0.025	0.018

	Median	(+/-)
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 (100% Alc/Vol)	4.39 1.27	Volume (oz) Ethanol (100% Alc/Vol)	4.15 1.20	Volume (oz) Ethanol (100% Alc/Vol)	4.70 1.36
Mass (g) EtOH (100% Alc/Vol)	102.45 29.61	Mass (g) EtOH (100% Alc/Vol)	96.82 27.98	Mass (g) EtOH (100% Alc/Vol)	109.57 31.67
Total # Standard Drinks	7.32 2.11	Total # Standard Drinks	6.92 2.00	Total # Standard Drinks	7.83 2.26
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 (100% Alc/Vol)	4.18 1.21	Volume (oz) Ethanol (100% Alc/Vol)	4.41 1.28	Volume (oz) Ethanol (100% Alc/Vol)	4.52 1.31
Mass (g) EtOH (100% Alc/Vol)	97.65 28.22	Mass (g) EtOH (100% Alc/Vol)	102.94 29.75	Mass (g) EtOH (100% Alc/Vol)	105.38 30.46
Total # Standard Drinks	6.97 2.02	Total # Standard Drinks	7.35 2.13	Total # Standard Drinks	7.53 2.18
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.