

# Anterograde Alcohol Extrapolation Report

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

**Report Generated** 1/26/2013

## Subject Information

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

## Drink Consumption Information

Time of Interest (24hrs)	BAC (g/dl)	Range (+/-)
2218	0.086	0.013

**Elimination Range (g/dl/hr)**  
**Avg.**  
**0.018**

### Individual Alcohol Drink Consumption

Volume (oz)	% (Alc/Vol)	Time (24hrs)
12	5	1930
12	5	2010
12	5	2035
1.5	40	2040
12	5	2130
1.5	40	2140

### Volume Distribution

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

### Peak Alcohol Concentration

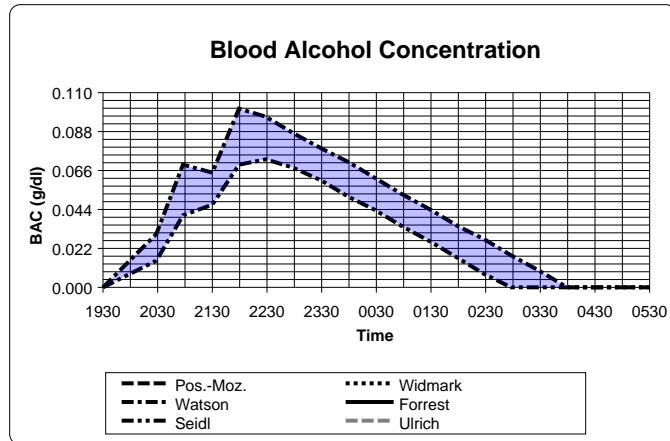
Peak BAC (g/dl): 0.085  
 Range: 0.016  
 Peak Time(24hr): 2200

**BAC (g/dl) at Time of Interest:** 0.086

**Male**

Time (24 hr)	BAC (g/dl)	
1930	0.000	+/- 0.000
2000	0.011	+/- 0.004
2030	0.022	+/- 0.007
2100	0.054	+/- 0.014
2130	0.055	+/- 0.009
2200	0.085	+/- 0.016
2230	0.084	+/- 0.012
2300	0.077	+/- 0.010
2330	0.069	+/- 0.009
0000	0.060	+/- 0.009
0030	0.051	+/- 0.009
0100	0.043	+/- 0.009
0130	0.034	+/- 0.009
0200	0.025	+/- 0.009
0230	0.016	+/- 0.009
0300	0.008	+/- 0.008
0330	0.004	+/- 0.004
0400	0.000	+/- 0.000
0430	0.000	+/- 0.000
0500	0.000	+/- 0.000
0530	0.000	+/- 0.000

## Extrapolation Information



## Absorption Rate Constant "k" (Uemura et al 2005)

Drink #	K	Drink #	K
1	2.5 - 6.5	6	2.5 - 6.5
2	2.5 - 6.5		
3	2.5 - 6.5		
4	2.5 - 6.5		
5	2.5 - 6.5		

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<u>BAC at Time of Interest:</u> 0.085		<u>BAC at Time of Interest:</u> 0.094		<u>BAC at Time of Interest:</u> 0.076	
<u>Pos.-Moz.</u> <u>Male</u>	<u>Doe, John</u> <u>BAC (g/dl)</u>	<u>Watson</u> <u>Male</u>	<u>Doe, John</u> <u>BAC (g/dl)</u>	<u>Seidl</u> <u>Male</u>	<u>Doe, John</u> <u>BAC (g/dl)</u>
<u>Time (24 hr)</u>		<u>Time (24 hr)</u>		<u>Time (24 hr)</u>	
1930	0.000	1930	0.000	1930	0.000
2000	0.011	2000	0.012	2000	0.009
2030	0.021	2030	0.024	2030	0.019
2100	0.053	2100	0.059	2100	0.048
2130	0.054	2130	0.060	2130	0.049
2200	0.083	2200	0.093	2200	0.076
2230	0.083	2230	0.093	2230	0.075
2300	0.076	2300	0.086	2300	0.068
2330	0.068	2330	0.078	2330	0.060
0000	0.059	0000	0.069	0000	0.051
0030	0.051	0030	0.061	0030	0.042
0100	0.042	0100	0.052	0100	0.034
0130	0.033	0130	0.043	0130	0.025
0200	0.024	0200	0.034	0200	0.016
0230	0.016	0230	0.026	0230	0.007
0300	0.007	0300	0.017	0300	0.000
0330	0.000	0330	0.008	0330	0.000
0400	0.000	0400	0.000	0400	0.000
0430	0.000	0430	0.000	0430	0.000
0500	0.000	0500	0.000	0500	0.000
0530	0.000	0530	0.000	0530	0.000

<u>BAC at Time of Interest:</u> 0.088		<u>BAC at Time of Interest:</u> 0.084		<u>BAC at Time of Interest:</u> 0.081	
<u>Widmark</u> <u>Male</u>	<u>Doe, John</u> <u>BAC (g/dl)</u>	<u>Forrest</u> <u>Male</u>	<u>Doe, John</u> <u>BAC (g/dl)</u>	<u>Ulrich</u> <u>Male</u>	<u>Doe, John</u> <u>BAC (g/dl)</u>
<u>Time (24 hr)</u>		<u>Time (24 hr)</u>		<u>Time (24 hr)</u>	
1930	0.000	1930	0.000	1930	0.000
2000	0.011	2000	0.010	2000	0.010
2030	0.022	2030	0.021	2030	0.020
2100	0.055	2100	0.053	2100	0.051
2130	0.056	2130	0.053	2130	0.052
2200	0.087	2200	0.083	2200	0.080
2230	0.087	2230	0.082	2230	0.080
2300	0.080	2300	0.075	2300	0.073
2330	0.072	2330	0.067	2330	0.065
0000	0.063	0000	0.059	0000	0.056
0030	0.054	0030	0.050	0030	0.047
0100	0.046	0100	0.041	0100	0.039
0130	0.037	0130	0.032	0130	0.030
0200	0.028	0200	0.024	0200	0.021
0230	0.019	0230	0.015	0230	0.012
0300	0.011	0300	0.006	0300	0.004
0330	0.002	0330	0.000	0330	0.000
0400	0.000	0400	0.000	0400	0.000
0430	0.000	0430	0.000	0430	0.000
0500	0.000	0500	0.000	0500	0.000
0530	0.000	0530	0.000	0530	0.000

*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.*

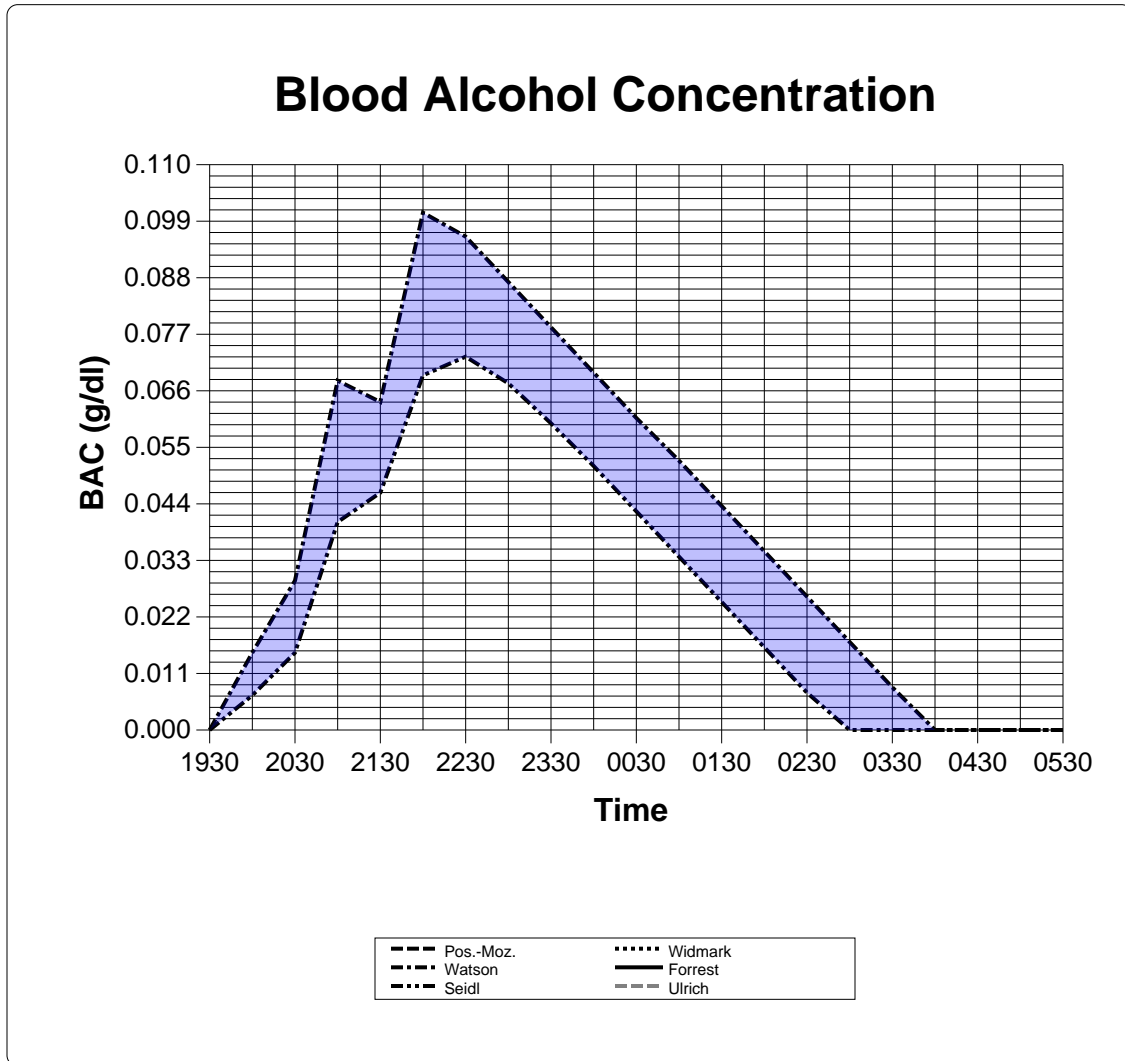
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Chart Generated

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