

BEER-2

American Society of Brewing Chemists
BEER CHECK SERVICE

6/30/2017

<i>Sub #</i>	<i>Specific Gravity</i>	<i>Alcohol</i>	<i>Real Extract</i>	<i>Color</i>	<i>Bitterness Units</i>	<i>Protein</i>	<i>Reducing Sugars</i>	<i>Iron</i>	<i>Refractive Index</i>	<i>Copper</i>	<i>Diacetyl</i>	<i>Total Acidity</i>
18	1.00788 AX	3.59 BX	3.69 CX	3.07 D1	9.00 E1							
64	1.00790 A2	3.56 B1	3.70 C1		8.20 E1							0.13 L1
83								0.02 H2				
143	1.00840 A2			2.64 D1	6.00 E1							0.09 L1
144	1.00801 AX	3.62 BX	3.75 CX	2.88 DX	5.40 EX						10.000 KX	0.23 LX
149	1.00616 A2	3.57 B5		3.10 DX	8.50 E1						6.000 KX	
153	1.00800 AX	* 4.57 BX		3.10 D1	7.10 E1						12.300 K1	
155	* 2.06000 A2	* 4.54 B5		* 5.88 D1	8.05 E1							
157	1.00795 A2	3.58 B5		3.09 D1	6.70 E1							
161	1.00785 A2	3.63 B2	3.67 C2	3.07 D1	6.50 E1			0.09 H2		0.04 J3		
165	1.00793 AX	3.61 BX	3.72 CX	2.90 DX	7.31 EX						23.000 KX	* 1.85 LX
169	1.00802 A2	3.55 B5	3.71 CX	2.95 D1	8.30 E1	0.26 FX	1.08 G2	0.02 H2		0.02 J1	20.000 K1	0.10 L1
170	1.00791 A2	3.65 B5	3.79 C1	2.90 D1	10.00 E1							
171		3.55 B5		3.00 D1	5.70 E1							
181	1.00810	3.57	3.68	2.92	6.56							
190	1.00790 A2	3.56 BX	3.69 CX	3.00 D1	5.80 E1						19.700 KX	
193	1.00596 A2	3.59 B5	3.67 C3	3.02 D1	8.40 E1							
198	1.00806 A2	3.64 B5		* 3.63 D1	8.65 E1							
201	1.00800 A2	3.57 BX	3.73 CX	2.82 D1	7.54 E1			0.01 HX		0.06 JX		0.27 L1
206	1.00623 AX	3.59 BX	3.74 C5	2.91 DX	6.13 EX						21.790 KX	
209	1.00610 A2	3.66 B5		2.90 D1	8.50 E1							
215	1.00797 A2	3.66 B5		2.98 D1	6.60 E1							
220		3.68 BX		3.00 D1	8.80 E1							
223	1.00605 A2	3.48 B5		3.30 D1	9.00 E1						7.600 K1	
225	1.00801 A2	3.56 B5	3.72 CX	2.94 D1	9.00 E1							

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N	21	21	13	21	24			4		3	8	5
Mean	1.00754	3.59	3.71	2.98	7.57			0.036		0.04	15.049	0.16
Min	1.00596	3.48	3.67	2.64	5.40			0.01		0.02	6.000	0.09
Max	1.00840	3.68	3.79	3.30	10.00			0.09		0.06	23.000	0.27
Std	0.00084	0.05	0.03	0.13	1.29			0.04		0.02	6.816	0.08

** Not Included in Mean*

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<i>Sub #</i>	<i>Calcium</i>	<i>Sodium</i>	<i>pH</i>	<i>Chloride</i>	<i>Foam Collapse Rate</i>	<i>SO2</i>	<i>Sulfate</i>	<i>Yeast Fermentable Extract</i>	<i>Air</i>	<i>CO2 Volume</i>	<i>Ash</i>
N	2	4	22		2	3			6	15	
Mean	58.91	16.5	4.07		266	3.03			0.19	2.80	
Min	56.82	10.0	3.89		222	1.30			0.10	2.65	
Max	61.00	24.0	4.30		310	5.80			0.30	2.98	
Std	2.96	5.7	0.10		62	2.42			0.07	0.09	

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<i>Sub #</i>	<i>Apparent Extract</i>	<i>Total VDK</i>	<i>Pentanedione</i>	<i>Free Amino Nitrogen</i>	<i>Viscosity</i>	<i>Dimethyl Sulfide</i>	<i>Total Haze</i>	<i>Extract of Orig. Wort</i>	<i>Iso-Alpha Acids for Beer</i>
18	2.02 XX	0.01						10.70 EX	
64									
83									
143	* 2.15 XX	0.03 Y6		41.00 AA1					
144	2.06 XX						55.00 DDX	10.82 EX	
149							38.33 DDX		
153							38.12 DDX		
155									
157									
161	2.00 X1							10.67 EE2	
165	2.04 XX	0.03 YX	0.007 ZX				* 97.43 DDX	10.77 EX	
169	2.06 X1			55.00 AA1				10.64 EE1	
170	2.03 X1							10.91 EE2	
171									
181									
190	2.05 X2	0.05 YX	0.016 ZX			28.00 CCX		10.64 EE1	
193	2.00 XX						44.00 DDX	10.69 EE1	
198									
201	2.06 X1							10.70 EE2	
206	2.06 XX	0.03 YX	0.010 ZX					10.75 EX	
209									
215									
220									
223									
225	2.06 XX	* 21.00 YX	* 0.600 ZX				50.00 DDX		

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<i>Sub #</i>	<i>Apparent Extract</i>	<i>Total VDK</i>	<i>Pentanedione</i>	<i>Free Amino Nitrogen</i>	<i>Viscosity</i>	<i>Dimethyl Sulfide</i>	<i>Total Haze</i>	<i>Extract of Orig. Wort</i>	<i>Iso-Alpha Acids for Beer</i>
N	11	5	3	2			5	10	
Mean	2.04	0.03	0.011	48.00			45.09	10.73	
Min	2.00	0.01	0.007	41.00			38.12	10.64	
Max	2.06	0.05	0.016	55.00			55.00	10.91	
Std	0.02	0.01	0.005	9.90			7.38	0.09	

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