

BEER-4

American Society of Brewing Chemists
BEER CHECK SERVICE

12/31/2017

Sub #	Specific Gravity	Alcohol	Real Extract	Color	Bitterness Units	Protein	Reducing Sugars	Iron	Refractive Index	Copper	Diacetyl	Total Acidity
10		* 4.55 B5		3.13 D1	7.50 E1							
18	1.00791 AX	3.62 BX	3.72 CX	3.16 D1	6.90 E1							
30	1.00800 A2	3.73 B5	3.79 CX	3.04 D1	5.60 E3							
64	1.00799 A2	3.58 B2	3.69 C2									
138	1.00801 A2	3.64 B5	3.75 CX	3.10 D1	5.60 E1		38.00 G1				11.000 K1	0.12 LX
143	1.00800 A2			3.10 D1	6.00 E1			0.01 H2				0.21 L1
144	1.00803 AX	3.63 BX	3.75 CX	2.95 DX	3.50 EX							0.15 LX
149	1.00619 A2	3.62 B5		3.20 DX	7.00 E1						10.000 KX	
153	1.00860 AX	3.79 BX		3.10 D1	8.25 E1						7.000 K1	
155	1.00803 A2	3.61 B5		3.09 D1	6.30 E1						28.000 KX	
157	1.00795 A2	3.62 B5		3.20 D1	5.70 E1							
165	1.00804 AX	3.64 BX	3.76 CX	3.03 DX	6.24 EX							* 2.11 LX
169	1.00803 A2	3.59 B5	3.73 CX	3.15 D1	7.20 E1	0.26 FX	0.97 G2	0.02 H2		0.01 J1	30.000 K1	0.09 L1
170	1.00801 A2	3.66 B5	3.82 C1	3.00 D1	9.40 E1							
181	1.00820 A2	3.73 B1	3.67 C1	3.14 D1	6.56 E1							
190	1.00790 A2	3.60 BX	3.71 CX	3.10 D1	4.90 E1						17.100 KX	
193	1.00600 A2	3.64 B5	3.71 C3	3.18 D1	6.50 E1							
198	1.00803 A2	3.74 B5		3.04 D1	3.40 E1							
201	1.00802 A2	3.62 BX	3.76 CX	3.19 D1	6.19 E1							0.16 L1
205	1.00734 A2	3.56 B2		3.00 D1	6.00 E1							
206	1.00617 AX	3.61 BX	3.73 CX	3.10 DX	4.75 EX						4.270 KX	
209	1.00830 A2	3.64 B5		* 2.40 D1	6.50 E1							
215	1.00798 A2	3.70 B5	3.74 CX	2.91 D1	5.70 E1							
220		3.65 BX		3.40 D1	6.70 E1							
223	1.00585 A2	3.48 B5		3.41 D1	5.10 E1						9.070 K1	
225	1.00802 A2	3.59 B5		3.06 D1	7.00 E1						28.000 KX	
229	1.00957 AX	3.51 BX	3.84 CX									
230	1.00788 A2	3.59 B5		3.10 D1	7.00 E1							

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Sub #	Specific Gravity	Alcohol	Real Extract	Color	Bitterness Units	Protein	Reducing Sugars	Iron	Refractive Index	Copper	Diacetyl	Total Acidity
N	26	26	15	25	26		2	2			9	5
Mean	1.00777	3.63	3.74	3.12	6.21		19.485	0.017			16.049	0.15
Min	1.00585	3.48	3.67	2.91	3.40		0.970	0.01			4.270	0.09
Max	1.00957	3.79	3.84	3.41	9.40		38.000	0.02			30.000	0.21
Std	0.00083	0.07	0.05	0.11	1.29		26.18	0.00			10.080	0.05

*** Not Included in Mean****Confidentiality Notice: The data contained herein are confidential and intended for subscriber use only. Data from other subscribers are included for comparison purposes only.**

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Sub #	Calcium	Sodium	pH	Chloride	Foam Collapse Rate	SO ₂	Sulfate	Yeast Fermentable Extract	Air	CO ₂ Volume	Ash
10			4.11 O1								
18			4.07 O1			2.00 R2			0.05 UX	2.72 VX	
30			3.98 O1		279 QX					2.70 V2	
64						3.00 R1					
138			4.06 O1			4.60 RX				2.70 VX	
143			4.02 O1		303 Q2				0.04 UX	2.79 VX	
144			4.09 OX								
149			4.09 O1							2.84 VX	
153			4.09 O1								
155			4.07 O1		265 Q2						
157			3.88 O1						0.25 UX	2.82 V1	
165		20.1 NX	4.06 OX			* 21.76 RX				2.70 VX	
169	68.00 M1	11.1	3.85 O1	255.0 P1	Q2	2.00 R1		TX	0.20 UX	2.70 V1	0.07 W1
170			4.06 O1								
181		26.0 NX	4.07 O1							2.74 VX	
190			4.10 O1							2.76 VX	
193			4.11 O1							2.67 V1	
198			4.07 OX							2.70 VX	
201			4.29 O1								
205			3.96 O1							2.70 V1	
206			4.07 O1							2.72 VX	
209			3.91 O1		370 QX					2.71 VX	
215			4.03 O1								
220											
223			3.77 O1							* 2.98 VX	
225			3.94 O1							2.59 VX	
229			4.13 OX								
230			4.12 O1								

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Sub #	Calcium	Sodium	pH	Chloride	Foam Collapse Rate	SO2	Sulfate	Yeast Fermentable Extract	Air	CO2 Volume	Ash
N		3	26		4	4			4	16	
Mean		19.1	4.04		304	2.90			0.14	2.72	
Min		11.1	3.77		265	2.00			0.04	2.59	
Max		26.0	4.29		378	4.60			0.25	2.84	
Std		7.5	0.10		47	1.23			0.11	0.06	

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Sub #	Apparent Extract	Total VDK	Pentanedione	Free Amino Nitrogen	Viscosity	Dimethyl Sulfide	Total Haze	Extract of Orig. Wort	Iso-Alpha Acids for Beer
N	12	6	2	2			6	11	
Mean	2.05	5.20	0.008	37.50			38.51	10.84	
Min	2.01	0.02	0.005	37.00			3.24	10.74	
Max	2.07	22.20	0.011	38.00			87.00	11.06	
Std	0.02	9.05	0.004	0.71			31.79	0.10	

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