

HPE-3

**American Society of Brewing Chemists
HOPS CHECK SERVICE**

3/31/2013

Subscriber Number	Spectrophotometric Methods			Conductometric Methods			HPLC Method				Standard
	Alpha Acids (%)	Beta Acids (%)	Hop Storage Index	ASBC C.V. (%)	EBC LCV (%)	MEBAK LCV (%)	Alpha Acids (%)	Beta Acids (%)	Cohumulone (% of total)	Colupulone (% of total)	
B 6	62.36	17.18	0.244				57.27	16.99	28.25	54.330	
B 8	62.55	18.40	0.235			59.10	57.11	17.27	28.42	54.780	ICE-3
B 10	62.20	18.72	0.236				56.37	17.37	27.90	53.230	ICE-3
B 15	64.73	18.34	0.243								
B 17	62.50	19.00	0.257								
B 18							57.30	16.70	28.00	55.100	
B 95	62.71	17.63	0.250				57.26	17.16	28.23	52.900	ICE-2
B 115	63.69	18.12	0.244			59.90	57.36	17.10	28.50	53.400	ICE-3
B 127	61.42	16.86	0.259			59.44	57.54	17.02	28.24	52.820	ICE-3
B 140	60.66	18.64	0.260				55.89	16.84	27.80	54.300	ICE-3
B 142	61.46	16.77	0.249				62.30	17.87	27.14	* 50.310	
B 159	61.22	17.68	0.248				58.85	19.30	28.52	53.770	
B 163					59.40						ICE-3
B 164					57.40						
B 169	61.66	17.60	0.250				57.52	17.26	28.34	53.520	ICE-3
B 176	60.64	16.43	* 0.282								
B 177	61.72	17.10									
B 178							63.92	19.09	28.72	55.490	ICE-3
B 182	62.74	18.01	0.244		61.96		55.29	16.86	29.78	53.830	ICE-3
B 183							61.02	18.17	29.03	52.780	ICE-3
N	15	15	13		3	3	14	14	14	13	
Mean	62.15	17.77	0.248		59.59	59.48	58.21	17.50	28.35	53.865	
Min	60.64	16.43	0.235		57.40	59.10	55.29	16.70	27.14	52.780	
Max	64.73	19.00	0.260		61.96	59.90	63.92	19.30	29.78	55.490	
Std	1.10	0.78	0.008		2.29	0.40	2.49	0.82	0.61	0.883	

* Not included in mean.

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