

HPW-4

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

4/30/2013

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	13.90	4.95	0.286				12.85	4.60	26.30	50.970	
B 8	14.07	4.75	0.300		12.39	14.45	12.82	4.64	26.34	50.270	ice3
B 10	13.91	5.12	0.278			13.90	12.77	4.73	26.30	49.870	ice3
B 15	13.20	4.60	0.310								
B 17	12.90	4.90	0.291								
B 99	14.06	5.10	0.299		13.10	14.03					
B 115	14.08	5.12	0.320			14.30	12.82	4.55	26.10	51.200	ice3
B 127	13.44	4.65	0.309								ice3
B 142	* 10.20	4.40	0.320				12.18	4.63	26.79	49.500	
B 162	13.70										
B 163	14.71	5.18	0.320		12.80		12.03	4.59	26.98	49.430	ice3
B 164					13.20						
B 171	13.47	5.26	0.294								
B 176	12.99	4.95	0.357								
B 177	14.60	5.04									
B 178	13.48	4.99	0.296				* 14.87	* 5.41	26.77	50.280	ice3
B 179	12.60	4.80	0.375								
B 182	13.62	4.68	0.341		14.07		11.90	4.51	* 28.60	50.641	
B 183							12.26	4.55	25.95	48.370	ice3
B 184	12.66	4.25	0.345				12.26	4.63	26.70	47.810	ice3
N	17	17	16		5	4	9	9	9	10	
Mean	13.61	4.87	0.315		13.11	14.17	12.43	4.60	26.47	49.834	
Min	12.60	4.25	0.278		12.39	13.90	11.90	4.51	25.95	47.810	
Max	14.71	5.26	0.375		14.07	14.45	12.85	4.73	26.98	51.200	
Std	0.61	0.28	0.027		0.62	0.25	0.38	0.06	0.35	1.091	

* Not included in mean.

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