

HPL-11

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

11/30/2013

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	11.97	2.61	0.448				11.93	2.68	29.50	54.910	
B 8	12.70	2.96	0.455		12.84	13.14	12.11	2.72	29.40	54.990	ICE-3
B 10	12.27	3.37	0.443			12.90	11.70	2.70	28.97	54.070	ICE-3
B 15	* 15.40	* 6.20	0.340								
B 17	11.90	2.70	0.486								
B 18							12.15	2.72	29.32	54.810	ICE-3
B 99	11.86	2.97	0.477		12.05	12.72					
B 115	12.21	3.17	0.473			13.80	11.95	2.69	29.50	55.400	ICE-3
B 127	11.99	2.82	0.482		12.48	13.42	12.00	2.72	29.92	53.680	ICE-3
B 140	12.53	3.22	0.510		12.27		12.35	2.74	30.16	55.700	ICE-3
B 142	11.36	3.28	0.504				11.89	2.67	29.71	55.380	
B 159	11.23	3.27	0.519				11.50	2.62	29.65	53.520	
B 169	11.09	3.20	0.530				10.75	2.46	29.49	54.070	ICE-3
B 176	11.23	4.05	0.502								
B 177	13.60	* 5.83	0.320								
B 178	12.70	2.51	0.436				11.90	2.67	29.60	52.600	
B 183							11.17	2.43	29.12	54.080	ICE-3
B 184	11.56	2.81	0.511				11.60	2.63	28.84	54.940	ICE-3
B 186	12.67	2.86	0.471								
B 187							12.30	2.61	29.45	52.340	ICE-3
N	16	15	17		4	5	14	14	14	14	
Mean	12.05	3.05	0.465		12.41	13.20	11.81	2.65	29.47	54.321	
Min	11.09	2.51	0.320		12.05	12.72	10.75	2.43	28.84	52.340	
Max	13.60	4.05	0.530		12.84	13.80	12.35	2.74	30.16	55.700	
Std	0.68	0.38	0.058		0.34	0.43	0.44	0.09	0.35	1.028	

* Not included in mean.

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