

MAL-11B

American Society of Brewing Chemists
MALT CHECK SERVICE

11/30/2014

<i>Sub #</i>	<i>Moisture (%)</i>	<i>% Extract - Fine Ground (D.B.)</i>	<i>% Extract - Coarse Ground (D.B.)</i>	<i>% Fine - Coarse Difference</i>	<i>Conversion Time (min)</i>	<i>Clarity of Wort (visual)</i>	<i>Color of Wort, 1/2" cell (ASBC)</i>	<i>Diastatic Power, Salt Ext. (Deg.)</i>	<i>Alpha-amylase, Salt Ext.</i>	<i>Soluble Protein</i>	<i>Total Malt Protein</i>	<i>Soluble/Total Protein (D.B.)</i>
B 18	4.6	79.7	78.6	1.1	7-10	SL HAZY	1.85	166		5.52	12.6	43.8
B 22	4.2	79.1	78.8	0.3	<5	CLOUDY	1.80	197	56.3	5.14	13.5	38.0
B 25	4.7	80.3	79.9	0.5			2.28	189	58.5	5.68	12.6	45.0
B 27	3.9	80.1	79.7	0.4		SL HAZY	2.70	189	57.8	5.36	12.6	42.4
B 30	4.7	79.5	78.2	0.8		HAZY	2.31	193	59.7	5.49	12.8	42.9
B 31	4.5	80.6	79.7	0.8		CLEAR	2.52	199	60.7	6.19	12.9	48.0
B 32	4.3	81.1	80.1	1.0			2.30	194	59.5	6.00	12.4	48.4
B 42	4.7	79.5	78.9	0.6		HAZY	2.45	165	49.5	5.28	13.2	40.0
B 43	5.0	79.9	78.8	1.1	5	VERY HAZY	1.66	197	55.3	5.00	12.6	39.8
B 48	4.5	81.9	80.7	1.2	7.1	CLEAR		174	50.3	5.99	12.1	49.8
B 54	4.6	81.8	80.5	1.3	5	SL HAZE	2.13	194	62.6	6.15	13.2	46.7
B 55	3.4	80.0	79.3	0.7	5-7	CLEAR	2.35	196	64.4	6.00	11.4	53.0
B 95	3.9	80.6	80.0	0.6	5	CLEAR	2.25	165	62.4	5.76	11.9	48.5
B 109	4.9	80.1				CLEAR	1.89	197	63.4	5.41	12.6	43.0
B 129	4.4	80.4	79.5	1.0	5	SL HAZY	2.29	192	60.0	5.66	12.3	45.9
B 152	4.7	81.1	80.7	0.4	7-10	CLEAR	2.50	182	63.0	5.88	12.3	47.7
B 168	5.1	80.0	79.1	0.9	5	HAZY	* 6.00					
B 180	4.9	79.8	78.6	1.2	5	HAZY	1.71	181	56.9	5.30	13.4	39.7
B 183	5.1	82.6	81.2	1.3		CLEAR				5.30	13.0	40.8
B 189	4.4	80.8	79.6	1.2	5	SL HAZY	2.36	194	65.1	5.88	12.6	46.5
N	20	20	19	19			17	18	17	19	19	19
Mean	4.5	80.4	79.6	0.9			2.20	186.9	59.1	5.63	12.6	44.7
Min	3.4	79.1	78.2	0.3			1.66	165	49.5	5.00	11.4	38.0
Max	5.1	82.6	81.2	1.3			2.70	199	65.1	6.19	13.5	53.0
Std	0.4	0.9	0.8	0.3			0.31	11.8	4.5	0.35	0.5	4.1

* Not Included in Mean

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Sub #	Growth of Acrospires					Screen Assortment				FAN (ppm)	Absolute Viscosity	Turbidity (NTU)	Beta Glucan wort (mg/L)
	0-1/4	1/4-1/2	1/2-3/4	3/4-1	Overgrown	On 7/64"	On 6/64"	On 5/64"	Thru 5/64"				
B 18										204.8	1.47		78
B 22						76.4	20.9	2.1	0.6			45.6	
B 25	0	0	4	78	18	75.1	21.3	3.0	0.6	231.0	1.50	18.0	95
B 27						59.3	35.9	3.6	1.2	243.0	1.52	16.7	128
B 30	0	0	0	75	22	84.3	12.9	2.5	0.3	209.0	1.49	18.5	105
B 31						69.8	25.8	3.6	0.8			13.0	110
B 32						62.8	31.0	5.8	0.4	228.0		10.8	111
B 42										195.0	1.50		88
B 43	1	2	3	90	4	85.3	12.8	1.7	0.2	212.0	1.48	43.2	84
B 48	6	11	22	56	5	60.4	30.1	8.0	1.5				
B 54										256.0	1.51	10.5	136
B 55										241.2	1.53		86
B 95	0	0	12	80	8	61.9	29.9	7.8	0.4	236.0	* 1.37	9.4	114
B 109	0	14	0	62	8	81.1	16.6	1.8	0.5	222.0	1.48		77
B 129	9	7	9	65	10	69.9	26.2	3.2	0.7	250.0	1.51	13.7	116
B 152	0	16	13	60	11	59.6	32.7	4.7	0.4	255.0	1.50		* 188
B 168											1.46	19.2	77
B 180	0	1	2	95	2	82.7	14.9	2.1	0.3	222.0	1.46	24.9	83
B 183													
B 189										236.0	1.52	11.8	131
N	9	9	9	9	9	13	13	13	13	15	14	13	16
Mean	1.8	5.7	7.2	73.4	9.8	71.4	23.9	3.8	0.6	229.4	1.50	19.6	101.2
Min	0.0	0.0	0.0	56.0	2.0	59.3	12.8	1.7	0.2	195.0	1.46	9.4	77.0
Max	9.0	16.0	22.0	95.0	22.0	85.3	35.9	8.0	1.5	256.0	1.53	45.6	136.0
Std	3.3	6.5	7.4	13.7	6.5	10.0	7.9	2.2	0.4	18.6	0.02	11.8	20.3

* Not Included in Mean

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