

MAL-5B

American Society of Brewing Chemists
MALT CHECK SERVICE

5/31/2013

Sub #	Moisture (%)	% Extract - Fine Ground (D.B.)	% Extract - Coarse Ground (D.B.)	% Fine - Coarse Difference	Conversion Time (min)	Clarity of Wort (visual)	Color of Wort, 1/2" cell (ASBC)	Diastatic Power, Salt Ext. (Deg.)	Alpha-amylase, Salt Ext.	Soluble Protein	Total Malt Protein	Soluble/Total Protein (D.B.)
B 18	4.2	79.5	78.5	1.0	7-10	HAZY	2.19	181		5.32	12.5	42.3
B 22	3.7	79.9	78.4	1.5	<5	SL CLOUDY	1.80	* 66	* 203.0	5.45	12.8	42.5
B 25	4.0	79.8	78.8	1.0			2.24	174	57.8	5.41	12.6	42.9
B 27	3.3	78.5	77.7	0.9		SL HAZY	2.46	203	71.7	5.22	13.3	39.3
B 31	3.8	79.0	78.1	0.9		CLEAR	2.55	186	63.4	5.45	12.7	42.9
B 32	4.0	79.5	78.4	1.1		CLEAR	2.05	201	61.2	5.52	12.8	42.7
B 42	4.0	79.3	78.5	0.8			3.45	178	57.1	5.44	12.7	42.9
B 43	3.8	79.9	78.9	1.1	5	HAZY	2.04	177	58.6	5.40	12.3	43.7
B 54	3.8	79.5	78.4	1.1	5	HAZY	2.60	196	63.8	5.69	12.6	45.3
B 128	3.9	79.5	78.5	1.0				193	70.6	5.30	12.7	42.0
B 129	3.8	79.6	78.6	1.0	5		2.01	198	66.2	5.55	12.6	44.0
B 152	4.1	79.4	78.5	0.9	7	CLEAR	2.10	181	66.7	5.09	12.8	39.6
B 156	4.0	79.4	78.4	1.0	6	CLEAR	2.00	178	76.0	5.38	12.3	43.8
B 159	4.0	79.9	78.9	1.0	5-7	CLEAR	2.30	164	62.4	5.45	12.6	43.2
B 162	4.4	78.8	78.0	0.8	9		2.15	173	63.0	5.34	13.0	40.9
B 168	4.0	80.5	* 76.1	* 4.3	<5	SL HAZY	3.50				* 8.3	
B 169	3.8	79.5	78.1	1.4	5	LT TURBIO	2.11	* 137	83.2	5.30	12.4	42.7
B 173	* 5.3	* 81.2	* 79.8	1.4	12		2.47			* 3.99	12.4	* 32.3
N	17	17	16	17			17	14	14	16	17	16
Mean	3.9	79.5	78.4	1.1			2.35	184.5	65.8	5.39	12.7	42.5
Min	3.3	78.5	77.7	0.8			1.80	164	57.1	5.09	12.3	39.3
Max	4.4	80.5	78.9	1.5			3.50	203	83.2	5.69	13.3	45.3
Std	0.2	0.5	0.3	0.2			0.47	11.9	7.4	0.14	0.3	1.5

* 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										219.0	1.47		71
B 22						58.3	33.9	6.7	1.1			25.9	
B 25	1	0	5	82	12	66.1	27.0	6.3	0.6	235.0	1.47	16.0	92
B 27						48.3	42.3	7.5	2.0	224.0	1.50	30.0	100
B 31						57.5	33.3	8.4	0.8			12.0	
B 32						50.0	38.6	10.2	1.2	203.0		9.7	74
B 42										210.0	1.47		117
B 43	3	3	2	90		56.1	34.8	8.2	0.9	200.0	1.48	39.1	73
B 54										213.0	1.45	33.0	92
B 128						52.8	37.1	9.1	1.0	220.0	1.42	24.9	75
B 129	4	2	3	88	3	53.9	33.9	10.9	1.3	233.0	1.46	22.5	92
B 152	0	5	7	80	8	47.9	39.8	11.1	1.2		1.48		
B 156	2	3	11	79	5	47.6	39.5	11.3	1.6		1.45		
B 159	0	0	12	81	7	39.8	49.2	9.5	1.5		1.45	36.6	
B 162	0	1	8	83	8	46.9	37.3	13.1	1.3		1.39		
B 168											* 1.61	* 69.0	31
B 169	1	1	4	94	0	32.6	51.2	13.4	* 2.8	219.0	1.46	38.1	
B 173	* 20	* 10	* 25	* 7	* 38					* 155.0			
N	8	8	8	8	7	13	13	13	12	10	13	11	10
Mean	1.4	1.9	6.5	84.6	6.1	50.6	38.3	9.7	1.2	217.6	1.46	26.2	81.7
Min	0.0	0.0	2.0	79.0	0.0	32.6	27.0	6.3	0.6	200.0	1.39	9.7	31.0
Max	4.0	5.0	12.0	94.0	12.0	66.1	51.2	13.4	2.0	235.0	1.50	39.1	117.0
Std	1.5	1.7	3.7	5.4	3.9	8.5	6.5	2.3	0.4	11.5	0.03	10.3	23.0

* Not Included in Mean

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