

MAL-4B

American Society of Brewing Chemists
MALT CHECK SERVICE

4/30/2014

<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 25	4.6	80.2	78.7	1.4			2.15	181	61.3	5.42	12.1	44.8
B 27	* 4.1	78.7	77.7	1.0		HAZY	* 3.70	201	61.3	5.37	13.0	41.3
B 30	4.4	79.4	78.7	0.7		CLOUDY	2.28	229	64.2	5.84	12.7	46.0
B 32	4.6	79.3	78.1	1.2		VERY TURBID	2.09	215	64.5	5.54	12.7	43.6
B 43	4.7	79.7	78.6	1.1	5	VERY HAZY	2.09	185	56.3	4.99	12.5	40.1
B 54	4.8	79.9	78.7	1.2	5	HAZY	2.03	193	59.8	5.65	13.3	42.5
B 55	4.6	79.9	79.4	0.5	5-7	CLEAR	2.32	190	65.5	5.53	11.0	50.3
B 109	4.8	78.5				CLOUDY	2.40	185	58.9	5.39	11.8	45.6
B 129	4.6	80.2	79.1	1.2	5	LIGHTLY HAZ	2.15	182	57.6	5.61	12.3	45.5
B 180	4.8	80.0	78.8	1.2	5	HAZY	2.08	195	59.9	5.40	12.3	43.8
B 189	4.9	79.6	78.4	1.2	5	HAZY	* 2.83	200	64.6	5.10	12.9	38.9
N	10	11	10	10			9	11	11	11	11	11
Mean	4.7	79.6	78.6	1.1			2.18	196.0	61.3	5.44	12.4	43.9
Min	4.4	78.5	77.7	0.5			2.03	181	56.3	4.99	11.0	38.9
Max	4.9	80.2	79.4	1.4			2.40	229	65.5	5.84	13.3	50.3
Std	0.1	0.6	0.5	0.3			0.13	14.8	3.1	0.24	0.6	3.2

* 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 25	0	0	0	94	6	61.2	32.6	5.8	0.5	217.0	1.48	9.0	118
B 27						48.4	43.6	6.9	1.2	230.0	1.49	47.0	156
B 30	0	0	5	85	10	62.5	29.0	7.8	0.7	217.0	1.48	14.5	87
B 32						52.7	38.7	8.4	0.2	204.0		35.0	121
B 43	2	3	4	89	2	60.0	33.0	6.6	0.4	191.0	1.50	* 99.9	88
B 54										226.0	1.49	42.3	117
B 55										212.3	1.50		82
B 109						55.6	36.6	6.9	0.9	212.0	1.48	16.4	94
B 129	2	4	3	89	2	59.0	33.5	6.9	0.6	228.0	1.49	10.8	126
B 180										216.0	1.46	21.2	114
B 189										213.0	1.47	50.8	106
N	4	4	4	4	4	7	7	7	7	11	10	9	11
Mean	1.0	1.8	3.0	89.3	5.0	57.1	35.3	7.0	0.6	215.1	1.48	27.4	109.9
Min	0.0	0.0	0.0	85.0	2.0	48.4	29.0	5.8	0.2	191.0	1.46	9.0	81.7
Max	2.0	4.0	5.0	94.0	10.0	62.5	43.6	8.4	1.2	230.0	1.50	50.8	156.0
Std	1.2	2.1	2.2	3.7	3.8	5.1	4.8	0.8	0.3	11.1	0.01	16.4	21.7

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