

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/28/2014

<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	4.5	79.0	78.0	1.0	7-10	SL HAZY	2.20	178		5.27	12.2	43.4
B 22	4.7	80.1	79.4	0.7	<5	CLEAR	2.10	193	59.4	5.11	12.8	39.8
B 25	4.7	80.0	79.3	0.7			2.22	181	63.5	5.54	11.7	47.2
B 27	4.1	79.2	78.5	0.7		CLEAR	2.74	206	71.6	5.44	12.9	42.2
B 30	4.5	79.0	79.1	0.4		HAZY	2.38	225	63.9	5.60	13.1	42.6
B 31	4.7	79.5	78.2	1.2		CLEAR	2.46	184	61.8	5.40	12.5	43.2
B 32	4.8	79.7	78.6	1.1		CLEAR	2.12	198	64.7	5.50	12.5	44.3
B 42	4.6	79.6	78.7	0.9			2.57	161	54.6	5.43	12.4	43.6
B 43	4.8	79.7	78.5	1.2	5	HAZY	2.02	173	56.6	5.42	12.3	44.0
B 54	4.8	80.5	79.2	1.3	5	SL HAZY	2.25	188	59.7	5.57	12.7	43.9
B 55	4.3	79.4	78.3	1.1	5-7	CLEAR	2.14	204	66.0	5.65	11.1	* 51.0
B 95	4.6	80.2	78.8	1.4	15	CLEAR	2.18	171	74.1	5.49	12.1	45.4
B 128	4.4	80.3	78.7	1.4				194	60.1	5.50	13.1	42.0
B 129	4.6	80.3	79.1	1.2	7	SL HAZY	2.09	189	53.0	5.50	12.4	44.3
B 152	4.8	79.9	79.1	0.8	9	CLEAR	2.28	175	65.5	5.24	12.3	42.5
B 156	4.5	79.6	79.2	0.4	6	BRILLANTE	2.10	163	57.0	5.25	11.8	44.3
B 159	4.9	79.3	78.7	0.6	6	CLEAR	2.10	167	55.3	5.27	12.3	42.8
B 168	4.4	79.7	77.8	1.9	5-7	SL HAZY	* 3.30					
B 169	4.6	79.5	78.5	1.0	5	SL TURBID	2.36	176	57.5	4.96	12.1	41.0
B 180	4.7	80.4	79.3	1.1	5	CLEAR	2.24	181	57.7	5.55	12.3	45.2
B 183	5.0	* 81.9	* 81.2	0.7		HAZY		184		5.36	12.3	43.5
B 189	4.8	80.2	79.0	1.2	5	HAZY	2.50	185	63.8	5.44	12.6	43.2

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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										214.0	1.48		111
B 22						53.9	37.4	8.0	0.7				
B 25	0	0	2	96	2	61.6	32.1	5.8	0.5	219.0	1.49	12.0	111
B 27						51.3	41.6	6.2	0.9	199.0	1.49	17.6	135
B 30	0	2	6	82	10	58.4	31.5	9.5	0.6	221.0	1.49	17.5	131
B 31						59.7	33.1	6.8	0.4			16.0	121
B 32						56.0	35.6	8.1	0.3	205.0		9.0	114
B 42										205.0	1.49		135
B 43	3	4	4	87	2	59.1	33.3	7.0	0.6	205.0	1.50	25.9	99
B 54										218.0	1.49	11.7	136
B 55										206.0	1.50		* 45
B 95	4	7	10	78	1	56.0	33.1	10.3	0.7	204.0	1.53	10.9	111
B 128						57.5	34.1	7.8	0.7	218.0	1.45	8.4	119
B 129	0	2	0	90	8	57.2	34.0	7.7	1.1	225.0	1.49	13.7	127
B 152	0	5	3	78	14	51.5	37.7	9.9	0.8	222.0	1.46		78
B 156	4	8	16	72	0	52.3	37.4	9.3	1.0		1.48		
B 159	0	3	10	80	7	45.6	44.4	9.1	0.9		1.47	21.3	
B 168											1.47	8.1	103
B 169	0	0	2	97	1	48.3	38.8	11.1	* 1.9		1.47	32.9	
B 180	4	2	2	89	3	57.9	33.3	7.8	1.0	212.0	1.48	8.4	103
B 183													
B 189										215.0	1.49	22.8	102

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N	22	21	21	22			19	21	19	21	21	20
Mean	4.6	79.8	78.8	1.0			2.27	184.6	61.4	5.40	12.4	43.4
Min	4.1	79.0	77.8	0.4			2.02	161	53.0	4.96	11.1	39.8
Max	5.0	80.5	79.4	1.9			2.74	225	74.1	5.65	13.1	47.2
Std	0.2	0.5	0.4	0.4			0.19	15.3	5.6	0.17	0.5	1.6

** Not Included in Mean*

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	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"				
N	10	10	10	10	10	15	15	15	14	15	18	15	16
Mean	1.5	3.3	5.5	84.9	4.8	55.1	35.8	8.3	0.7	212.5	1.48	15.7	114.8
Min	0.0	0.0	0.0	72.0	0.0	45.6	31.5	5.8	0.3	199.0	1.45	8.1	78.0
Max	4.0	8.0	16.0	97.0	14.0	61.6	44.4	11.1	1.1	225.0	1.53	32.9	136.0
Std	2.0	2.7	5.0	8.2	4.7	4.5	3.7	1.5	0.2	8.0	0.02	7.3	16.0

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