

MAL-12B

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

12/31/2017

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 25	4.8	80.1	79.5	1.1			2.12	179	59.0	5.19	12.0	43.3
B 30	4.8	79.1	78.4	0.7			2.03	189	52.3	5.60	11.8	47.5
B 32	4.9	79.8	78.8	1.0			1.83	193	53.0	5.36	12.0	44.6
B 43	4.8	80.7	79.6	1.2	5	HAZY	1.84	184	57.0	5.19	11.8	44.1
B 54	4.8	80.3	79.1	1.2	5	HAZY	1.86	189	60.4	5.33	11.9	44.9
B 55	5.0	79.8	79.7	* 0.2			2.23	191	66.5	5.30	11.4	46.3
B 109	4.9	80.3					2.01	* 157	63.0	5.43	11.7	46.5
B 129	4.8	79.7	78.8	0.9	5	LIGHTLY HAZ	1.92	181	62.0	5.11	11.7	43.8
B 180	4.9	79.9	78.8	1.1	5	HAZY	1.98	178	56.0	5.26	12.0	43.7
B 189	4.5	79.8	78.7	1.1	5	HAZY	1.92	193	64.6	5.05	11.9	42.5
B 213	5.0	79.8	78.9	0.9		HAZY	2.02	200	58.8	5.36	12.1	44.3
B 227	4.8	79.4	78.4	1.0			1.97			5.32	11.4	46.6
B 231	5.1	80.1	79.2	0.9		SLIGHT HAZE	* 2.80	203	72.5			
N	13	13	12	11			12	11	12	12	12	12
Mean	4.9	79.9	79.0	1.0			1.98	189.1	60.4	5.29	11.8	44.8
Min	4.5	79.1	78.4	0.7			1.83	178	52.3	5.05	11.4	42.5
Max	5.1	80.7	79.7	1.2			2.23	203	72.5	5.60	12.1	47.5
Std	0.1	0.4	0.4	0.2			0.12	8.1	5.8	0.15	0.2	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 25	0	3	12	77	8	63.4	29.8	5.9	1.0	197.0	1.51	16.0	100
B 30	0	1	0	91	8	66.0	25.3	7.8	0.9	201.0	1.50	13.4	101
B 32						54.7	35.7	9.1	0.4	203.0		19.4	79
B 43	3	1	2	93	1	66.1	26.7	6.3	0.9	203.0	1.50	33.4	113
B 54						68.3	27.3	3.9	0.5	194.0	1.49	20.0	105
B 55										206.0	1.51		60
B 109	4	22	14	60	0	62.6	30.9	5.6	0.9	197.0	1.50	20.2	84
B 129	0	0	6	92	2	60.8	30.3	7.4	1.5	217.0	1.50	16.3	92
B 180	3	1	7	63	* 26	63.5	29.3	6.0	1.7	217.0	1.50	29.3	92
B 189						68.4	26.3	4.7	0.7	206.0	1.50	41.1	97
B 213						61.9	30.8	7.0	0.3	195.0		24.0	97
B 227	2	23	4	68	3	59.4	32.6	7.1	0.9			50.1	73
B 231						63.7	31.3	4.4	0.7	* 171.0	* 1.42		94
N	7	7	7	7	6	12	12	12	12	11	9	11	13
Mean	1.7	7.3	6.4	77.7	3.7	63.2	29.7	6.3	0.9	203.3	1.50	25.7	91.3
Min	0.0	0.0	0.0	60.0	0.0	54.7	25.3	3.9	0.3	194.0	1.49	13.4	60.0
Max	4.0	23.0	14.0	93.0	8.0	68.4	35.7	9.1	1.7	217.0	1.51	50.1	113.0
Std	1.7	10.4	5.1	14.4	3.5	3.9	3.0	1.5	0.4	7.9	0.01	11.6	14.2

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