

MAL-4A

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	4.8	83.0	81.5	* 1.5			2.20	150	63.7	4.67	10.8	43.1
B 27	4.3	81.5	80.8	0.7		CLEAR	2.20	134	71.6	4.55	11.6	39.3
B 30	5.0	82.3	81.7	0.6		CLEAR	2.33	128	61.9	4.51	11.1	40.6
B 32	4.9	81.6	80.8	0.8		CLEAR		134	71.5	4.90	11.1	44.1
B 43	5.3	82.4	81.4	1.0	5	CLEAR	2.32	132	55.6	4.36	10.8	40.4
B 54	5.2	82.5	81.5	1.0	5	CLEAR	2.21	135	59.5	5.15	11.9	43.4
B 55	4.7	81.7	82.4	0.7	5-7	CLEAR	2.20	119	71.2	4.90	10.9	45.0
B 109	4.8	* 80.2				CLEAR	2.11	122	65.1	4.65	10.7	43.4
B 129	4.9	82.0	81.2	0.8	5	CLEAR	2.27	130	65.4	5.01	10.9	45.8
B 180	4.8	82.3	81.3	1.0	5	CLEAR	2.12	123	61.8	4.56	11.0	41.3
B 189	5.3	81.8	80.8	1.0	5	CLEAR	2.26	129	63.6	4.85	11.6	42.1
N	11	10	10	9			10	11	11	11	11	11
Mean	4.9	82.1	81.3	0.8			2.22	130.5	64.6	4.74	11.1	42.6
Min	4.3	81.5	80.8	0.6			2.11	119	55.6	4.36	10.7	39.3
Max	5.3	83.0	82.4	1.0			2.33	150	71.6	5.15	11.9	45.8
Std	0.3	0.5	0.5	0.2			0.07	8.3	5.1	0.24	0.4	2.0

* 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	1	95	4	76.6	19.9	3.2	0.3	181.0	1.46	5.0	70
B 27						68.8	27.7	3.1	0.4	185.0	1.47	8.3	71
B 30	0	0	3	88	9	73.8	20.2	5.5	0.5	186.0	1.47	5.5	79
B 32						70.2	24.2	5.4	0.2	175.0		5.9	65
B 43	3	3	5	86	3	75.8	19.4	4.4	0.4	167.0	1.49	5.3	59
B 54										197.0	1.46	4.3	68
B 55										176.8	1.47		* 93
B 109						65.3	27.8	6.0	* 0.9	178.0	1.46	5.5	69
B 129	2	2	2	90	4	76.6	21.2	1.8	0.4	196.0	1.46	5.8	73
B 180										172.0	1.44	4.1	63
B 189										182.0	1.42	6.8	68
N	4	4	4	4	4	7	7	7	6	11	10	10	10
Mean	1.3	1.3	2.8	89.8	5.0	72.4	22.9	4.2	0.4	181.4	1.46	5.7	68.5
Min	0.0	0.0	1.0	86.0	3.0	65.3	19.4	1.8	0.2	167.0	1.42	4.1	59.0
Max	3.0	3.0	5.0	95.0	9.0	76.6	27.8	6.0	0.5	197.0	1.49	8.3	79.0
Std	1.5	1.5	1.7	3.9	2.7	4.4	3.7	1.5	0.1	9.3	0.02	1.2	5.5

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