

MAL-11B

American Society of Brewing Chemists
MALT CHECK SERVICE

11/30/2015

<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	4.7	81.3	80.5	0.8	5-7	CLEAR	2.15	176		5.86	11.9	49.1
B 22	4.4	81.2	80.0	1.2	<5	CLEAR	2.40	165	54.0	5.64	12.1	46.8
B 25	4.9	81.9	81.0	0.9			2.28	183	62.0	5.99	12.2	49.2
B 27	4.5	80.9	80.4	0.5	N.D.	SLIGHTLY HAZY	2.80	219	68.3	5.77	12.7	45.6
B 30	4.5	81.0	80.0	1.0			2.13	174	63.6	6.34	12.4	50.9
B 31	4.7	81.7	80.0	1.7		SLIGHTLY H.	2.77	190	59.3	6.24	12.4	50.3
B 32	4.9	81.3	79.9	1.4			1.89	192	58.4	5.93	12.2	48.6
B 42	4.9	81.1	79.7	1.4			2.74	169	56.0	5.81	12.1	48.2
B 43	4.4	81.2	80.0	1.2	5	HAZY	1.98	188	57.0	5.81	12.0	48.3
B 48	5.3	81.1	80.9	0.4	<5	CLEAR		174	61.0	5.93	11.8	50.2
B 54	5.0	82.4	81.1	1.2	5	HAZY	1.87	188	64.0	6.09	12.0	50.8
B 55	4.6	82.1	81.9	0.2	5-7	CLEAR	2.16	190	64.5	6.30	12.0	52.2
B 109	4.9	82.6					2.04	167	65.5	6.27	12.4	50.4
B 128	5.0	82.1	81.4	0.7				202	66.5	5.91	12.2	48.7
B 129	4.6	81.5	80.3	1.2	5	LIGHTLY HAZ	2.04	191	68.2	5.60	11.8	45.0
B 152	5.1	81.5	80.3	1.2	5-7	CLEAR	2.32	196	64.7	5.96	12.0	49.5
B 168	4.9	81.7	80.9	0.8	<5	CLEAR	2.70					
B 169	4.5	80.8	80.3	0.5	5	CLEAR	2.30	166	57.4	5.83	11.4	50.1
B 204	4.6	80.9	80.2	0.7	<5	CLEAR	2.80	166	60.0	5.68	12.0	47.4
N	19	19	18	18			17	18	17	18	18	18
Mean	4.8	81.5	80.5	0.9			2.32	183.1	61.8	5.94	12.1	49.0
Min	4.4	80.8	79.7	0.2			1.87	165	54.0	5.60	11.4	45.0
Max	5.3	82.6	81.9	1.7			2.80	219	68.3	6.34	12.7	52.2
Std	0.2	0.5	0.6	0.4			0.33	14.7	4.3	0.23	0.3	1.9

* Not Included in Mean

Confidentiality Notice: The data contained herein are confidential and intended for subscriber use only. Data from other subscribers are included for comparison purposes only.

MAL-11B

American Society of Brewing Chemists
MALT CHECK SERVICE

11/30/2015

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										236.0	1.51		118
B 22						58.9	32.6	6.9	1.6			10.1	110
B 25	4	4	10	62	20	65.7	28.6	4.8	0.9	259.0	1.52	13.0	145
B 27						57.8	35.4	5.5	1.3	252.0	1.51	21.0	123
B 30	2	1	8	82	7	66.5	25.0	7.7	0.8	277.0	1.50	14.6	127
B 31						64.5	28.2	6.5	0.8			17.0	111
B 32						54.0	35.1	10.2	0.3	243.0		14.0	175
B 42										252.0	1.51		141
B 43	2	4	8	84	2	69.1	25.3	5.1	0.5	243.0	1.51	20.1	115
B 48	8	6	16	62	8	59.5	28.2	11.2	1.0				
B 54										247.0	1.51	11.3	140
B 55										257.0	1.50		94
B 109	0	6	4	72	18	65.0	29.3	4.9	0.8	249.0	1.54	14.0	131
B 128						60.8	30.6	7.4	1.2	242.7	1.47	12.3	131
B 129	0	6	6	88		62.5	29.3	7.1	1.4	282.5	1.54	13.5	131
B 152	0	10	7	82	1	61.2	29.2	8.5	1.1		1.53		144
B 168										226.5	1.52	14.5	141
B 169	0	0	2	92	6	57.8	33.8	7.3	1.2		1.47	14.1	132
B 204						66.7	25.6	6.5	1.2			16.3	134
N	8	8	8	8	7	14	14	14	14	13	14	14	18
Mean	2.0	4.6	7.6	78.0	8.9	62.1	29.7	7.1	1.0	251.3	1.51	14.7	130.1
Min	0.0	0.0	2.0	62.0	1.0	54.0	25.0	4.8	0.3	226.5	1.47	10.1	93.5
Max	8.0	10.0	16.0	92.0	20.0	69.1	35.4	11.2	1.6	282.5	1.54	21.0	175.0
Std	2.8	3.2	4.2	11.4	7.4	4.3	3.4	1.9	0.4	15.3	0.02	3.0	17.7

* Not Included in Mean

Confidentiality Notice: The data contained herein are confidential and intended for subscriber use only. Data from other subscribers are included for comparison purposes only.