

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/29/2012

<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	4.3	83.8	83.0	0.8	7	CLEAR	2.06	143		4.92	10.6	46.2
B 22	4.0	83.5	83.1	0.4	<5	CLEAR	2.20	* 15	70.1	5.35	10.7	50.2
B 25	4.2	83.7	83.3	0.4			2.31	157	62.9	5.24	10.7	49.0
B 27	4.0	83.5	82.8	0.7		1	2.00	134	74.3	5.17	10.9	47.2
B 30	4.1	83.7	83.3	0.4		CLEAR	2.14	148	70.8	5.28	10.6	49.6
B 31	4.0	83.5	82.4	1.1		CLEAR	2.17	152	66.4	4.89	11.1	44.1
B 32	4.2	83.7	* 79.6	1.2		CLEAR	2.17	149	78.2	5.21	11.1	47.1
B 42	4.2	83.6	83.3	0.3			2.35	147	68.9	5.26	11.0	48.0
B 47	4.3	83.9	83.4	0.5	5-7	CLEAR	1.80	133	62.7	5.06	10.4	48.7
B 95	4.0	83.5	82.9	0.6	5	BRILLANTE	2.03	136	75.5	5.35	10.9	48.9
B 109	4.2	83.9	81.4	* 2.5	<15	CLEAR	2.11	160	74.9	5.20	10.7	48.4
B 128	4.2	83.7	83.1	0.6				153	84.8	5.40	11.0	48.9
B 129	3.9	83.6	82.5	1.1	5	CLEAR	2.05	151	70.2	5.07	10.4	46.7
B 152	4.4	84.0	83.5	0.5	6	CLEAR	2.23	142	100.4	4.51	10.7	* 42.1
B 156	4.0	83.6	83.0	0.6	5-7	CLEAR	2.00	135	51.0	4.72	10.3	45.7
B 158	3.9	83.5	82.7	0.8			2.30					
B 159	4.2	83.8	83.4	0.4	5-7	CLEAR	2.10	125	93.2	5.23	10.6	49.2
B 162	4.0	83.6	82.3	1.3	6		1.98	142	69.0	5.18	10.8	48.0
B 168	4.4	83.8	83.3	0.5	3	CLEAR	2.41			5.40	* 7.4	* 73.0
B 169	4.4	* 82.8	81.9	0.9	5	CLEAR	2.05	146	74.4	5.02	10.6	49.4
B 173	4.5	* 82.6	* 80.5	* 2.0	9.43	CLEAR	2.00			4.92	10.1	48.8

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/29/2012

[illegible]

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/29/2012

<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>
N	21	19	19	19			20	17	17	20	19	18
Mean	4.2	83.7	82.9	0.7			2.12	144.2	73.4	5.12	10.7	48.0
Min	3.9	83.5	81.4	0.3			1.80	125	51.0	4.51	10.1	44.1
Max	4.5	84.0	83.5	1.3			2.41	160	100.4	5.40	11.1	50.2
Std	0.2	0.2	0.6	0.3			0.15	9.4	11.5	0.23	0.3	1.6

** 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-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/29/2012

Sub #	Growth of Acrospires					Screen Assortment				NDMA (ug/kg)	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"				
N	10	10	11	10	11	17	17	18	18	3	16	12	13
Mean	2.8	2.5	7.4	78.6	9.1	63.0	29.0	6.8	0.9	0.4	1.49	5.2	86.4
Min	0.0	0.0	3.0	66.0	0.0	51.1	23.9	2.1	0.1	0.0	1.45	3.6	64.0
Max	8.0	6.0	20.0	91.0	28.0	70.7	37.6	13.0	1.8	1.0	1.53	7.1	121.0
Std	2.8	2.1	5.5	8.3	9.4	4.8	4.3	2.4	0.5	0.6	0.02	1.1	16.0

** 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.

