

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/28/2017

<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	80.7	79.7	0.9	5-7	LIGHTLY HAZ	2.08	187		5.66	12.0	47.2
B 25	4.5	80.8	80.3	0.5			2.22	191	61.8	5.68	12.1	46.8
B 27	4.4	80.3	79.4	0.9		LIGHTLY HAZ		216	70.2	5.50	12.1	45.2
B 30	4.4	80.3	79.5	0.8			2.00	185	62.2	5.07	12.2	41.7
B 31	4.4					CLEAR	2.38			5.83	12.3	47.4
B 32	4.6	80.8	79.7	1.0			1.91	200	63.9	6.18	12.1	49.9
B 42	4.5	80.6	80.1	0.5			2.65	180	72.6	5.52	12.3	44.8
B 43	4.6	81.4	80.1	1.2	5	HAZY	1.98	186	57.3	5.58	11.9	46.6
B 54	4.5	81.3	80.1	1.2	5	HAZY	2.04	192	64.8	5.68	12.0	47.4
B 55	4.5	80.8	80.7	* 0.1			2.48	180	65.0	5.70	11.9	47.8
B 109	4.6	81.8					1.96	* 134	59.2	4.93	11.8	41.9
B 128	4.6	81.3	80.3	1.0				196	73.0	5.30	12.6	41.8
B 129	4.4	81.0	79.9	1.1	5	LIGHTLY HAZ	1.94	187	61.7	5.42	11.6	46.7
B 152	4.5	80.7	79.6	1.1		CLEAR	2.08	198	66.0	5.81	11.9	49.0
B 168	4.5	80.5	79.5	1.0			* 3.70					
B 169	4.3	80.2	* 78.4	0.8	5	CUMPLE	2.20	177	63.0	* 2.65	* 5.8	45.3
B 180	4.6	81.4	80.3	1.2	5	HAZY	1.99	186	60.5	5.55	11.9	46.9
B 189	4.6	80.9	79.8	1.1	5	HAZY	2.17	199	64.8	5.51	12.0	46.1
B 204	4.3	80.7	79.9	0.8	<5	CLEAR	2.40	170	61.0	5.14	12.6	40.8
B 208	4.5	81.2				CLEAR	2.54	184	69.6		11.9	
B 213	4.6	81.0	80.0	1.0			2.01	206	66.9	5.79	12.0	48.3
B 218	4.4	80.7	79.9	0.8	<10	CLEAR	1.70	168	68.0	5.69	12.2	47.0

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/28/2017

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										223.0	1.52		
B 25	1	3	10	68	18	65.9	28.4	5.2	0.5	225.0	1.52	11.0	134
B 27						61.4	33.5	4.3	0.8	216.0	1.53	32.0	161
B 30	2	1	0	77	20	63.5	27.9	7.7	0.9	238.0	1.53	10.1	133
B 31												12.0	136
B 32						60.4	31.9	7.5	0.2	220.0		10.6	112
B 42										239.0	1.53		145
B 43	2	3	7	84	4	67.3	26.7	5.2	0.8	231.0	1.52	14.5	129
B 54						62.3	30.7	6.5	0.5	236.0	1.52	11.0	119
B 55										239.4	1.51		95
B 109	0	*	20	8	48	64.8	29.7	4.9	0.6	* 183.0	1.48	7.0	107
B 128						65.6	28.0	5.6	0.7	229.0	1.50	11.3	99
B 129	0	2	10	88	0	66.5	27.4	5.5	0.6	250.0	1.53	13.6	125
B 152						65.4	28.8	5.6	0.2	238.0		28.3	147
B 168										219.0	1.51	38.0	96
B 169	0	3	7	87	4	55.5	35.6	5.0	* 3.9	231.0	1.52		105
B 180	5	5	0	83	7	66.2	27.4	5.6	0.8	255.0	1.51	12.8	120
B 189						70.4	24.7	4.5	0.4	218.0	1.54	10.8	127
B 204						71.4	22.5	5.9	0.2			11.3	102
B 208										257.0			106
B 213						65.1	29.2	5.5	0.2	213.0		12.0	142
B 218										238.0	1.49	3.3	

MAL-2A

American Society of Brewing Chemists
MALT CHECK SERVICE

2/28/2017

<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	22	21	18	18			19	19	19	19	20	20
Mean	4.5	80.9	79.9	0.9			2.14	188.8	64.8	5.55	12.1	45.9
Min	4.3	80.2	79.4	0.5			1.70	168	57.3	4.93	11.6	40.8
Max	4.6	81.8	80.7	1.2			2.65	216	73.0	6.18	12.6	49.9
Std	0.1	0.4	0.3	0.2			0.25	11.9	4.4	0.29	0.3	2.6

** 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

2/28/2017

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"				
N	7	6	7	7	7	15	15	15	14	19	16	17	20
Mean	1.4	2.8	6.0	76.4	11.0	64.8	28.8	5.6	0.5	232.4	1.52	14.7	122.0
Min	0.0	1.0	0.0	48.0	0.0	55.5	22.5	4.3	0.2	213.0	1.48	3.3	94.8
Max	5.0	5.0	10.0	88.0	24.0	71.4	35.6	7.7	0.9	257.0	1.54	38.0	161.0
Std	1.8	1.3	4.3	14.3	9.4	3.9	3.3	1.0	0.3	12.8	0.02	9.1	19.0

* 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.