

MAL-5B

American Society of Brewing Chemists
MALT CHECK SERVICE

5/31/2017

<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	4.2	81.6	80.9	0.6	5-7	SLIGHTLY HAZY	1.77			4.40	10.6	41.6
B 25	4.3	81.8	80.8	1.0			1.95	153	59.2	4.67	10.7	43.8
B 27	4.1	81.5	80.6	0.8		LIGHTLY HAZ	2.70	183	57.5	4.46	10.9	41.0
B 30	4.1	80.9	80.0	0.9			1.80	144	63.2	5.13	11.6	44.3
B 31	4.1					CLEAR	1.89			4.89	11.1	44.1
B 42	4.3	81.6	81.1	0.5			2.34	136	59.8	4.19	11.0	38.2
B 43	4.3	82.2	81.2	1.0	5		1.60	139	55.4	4.41	10.6	41.8
B 54	4.0	81.5	80.5	1.0	5		1.63	149	60.2	4.89	10.9	44.6
B 55	4.1	81.2	80.8	0.3			1.83	140	62.0	4.75	11.1	42.9
B 109	4.3	82.5					2.00	144	63.3	5.00	11.3	44.3
B 129	4.3	82.4	81.6	0.8	5	LIGHTLY HAZ	1.62	150	59.6	4.79	10.8	46.5
B 152	4.3	81.6	80.9	0.7		CLEAR	1.61	183	47.3	4.66	11.0	42.3
B 168	* 5.2	82.1	81.3	0.8		CLEAR	2.20					
B 169	4.4	81.3	80.4	0.9	5	BRIGHT	1.77	128	59.3	4.40	10.8	40.9
B 180	4.3	82.3	81.4	1.0	5	HAZY	1.65	148	56.3	4.60	10.7	42.9
B 189	4.2	82.1	81.0	1.0	5	HAZY	1.60	153	62.4	4.63	11.7	39.7
B 208	4.4	81.7				CLEAR	2.53	153	52.2	4.75	11.4	41.7
B 213	4.3	81.3	80.5	0.8			1.64	154	57.4	4.71	11.2	42.0
B 218	4.3	81.6	80.8	0.8	10	OPALESCENT	1.70	124	47.0	* 10.80	* 4.5	42.0
N	32	25	16	16			19	16	23	31	31	32
Mean	4.2	81.9	80.9	0.8			1.89	148.8	59.4	4.79	11.1	43.2
Min	4.0	80.9	80.0	0.3			1.60	124	47.0	4.19	10.6	38.2
Max	4.4	82.5	81.6	1.0			2.70	183	63.3	5.13	11.7	46.5
Std	0.1	0.5	0.4	0.2			0.33	16.0	4.9	0.23	0.3	1.7

* 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 18										160.0	1.48		
B 25	0	2	11	60	27	85.7	12.1	1.6	0.7	169.0	1.48	9.0	87
B 27						81.3	16.5	1.7	0.5	150.0	1.51	22.0	102
B 30	0	0	0	68	32	84.8	11.8	2.7	0.7	185.0	1.45	8.3	101
B 31												11.0	112
B 42										176.0	1.49		80
B 43	1	2	4	84	9	86.1	11.8	1.6	0.5	164.0	1.49	13.6	56
B 54						83.7	13.5	2.1	0.7	171.0	1.47	12.0	78
B 55										173.0	1.48		34
B 109	0	2	28	42	28	82.1	14.4	2.3	1.2	198.0	1.48	11.0	91
B 129	0	0	11	68	21	82.6	14.3	2.0	1.1	184.5	1.49	13.8	80
B 152						83.7	14.2	1.8	0.4	183.0		22.1	68
B 168										155.0	1.48	20.5	83
B 169	1	0	3	88	8	* 76.9	18.8	2.8	1.5		1.50	16.8	48
B 180	0	3	9	67	21	85.6	12.4	1.5	0.5	190.0	1.48	13.4	62
B 189						86.4	11.9	1.3	0.4	159.0	1.49	13.5	82
B 208						85.7	12.1	1.7	0.5	184.0			59
B 213						81.8	16.0	1.6	0.6	168.0		11.0	78
B 218										167.0	1.47	24.2	84
N	14	14	7	7	7	19	20	20	20	24	22	29	32
Mean	0.1	1.6	9.4	68.1	20.9	83.4	14.0	2.0	0.9	180.1	1.48	13.0	87.7
Min	0.0	0.0	0.0	42.0	8.0	81.3	11.8	1.3	0.4	150.0	1.45	8.3	34.0
Max	1.0	3.0	28.0	88.0	32.0	86.4	18.8	2.8	1.5	198.0	1.51	24.2	112.0
Std	0.4	0.9	9.2	15.3	9.3	1.7	1.8	0.4	0.3	16.1	0.01	4.1	20.4

* Not Included in Mean

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