

MAL-11B

American Society of Brewing Chemists
MALT CHECK SERVICE

11/30/2017

<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	4.6	79.9	79.1	0.8	5.7	CLEAR	2.57	133		5.82	12.2	48.0
B 25	4.6	80.0	79.4	0.6			2.64	163	65.4	6.13	12.4	49.5
B 27	4.7	80.3	79.7	0.6		LIGHTLY HAZ	3.70	154	75.3	5.12	12.9	* 39.8
B 30	4.5	79.9	78.9	1.1			3.04	150	71.2	6.08	11.9	51.0
B 31	4.6					2.58				6.04	12.8	47.2
B 32	5.1	80.0	79.1	0.9			2.25	159	66.5	5.98	12.6	47.3
B 42	5.1	80.6	80.2	0.4			3.67	147	75.5	5.70	12.5	45.6
B 43	4.7	81.0	80.0	1.0	5	HAZY	2.38	152	59.3	5.80	12.2	47.6
B 54	5.0	81.0	80.0	1.0	5		2.35	150	63.2	5.90	12.3	47.9
B 55	4.7	79.7	79.3	0.4			2.72	148	75.5	5.89	12.2	48.2
B 109	4.5	81.0					3.24	153	71.2	6.41	11.3	* 56.7
B 129	4.5	79.6	78.9	0.7	5	HAZY	2.37	149	75.1	5.60	11.8	46.8
B 152	4.9	80.3	79.5	0.8			2.58	150	67.6	6.02	12.6	47.9
B 180	4.9	80.7	78.2	1.1	5	HAZY	2.36	145	61.8	5.97	12.6	47.3
B 189	4.8	79.9	78.9	1.0	5	HAZY	2.39	149	66.0	5.69	12.3	46.4
B 204	4.7	79.6	78.8	0.8	<5	GHTLY CLOU	2.60	131	61.0	5.43	12.7	42.6
B 208	4.8	79.9				CLEAR	3.34	162	56.1	5.79	13.0	44.5
B 213	5.2	79.9	79.3	0.6		LIGHTLY HAZ	2.48	152	63.5	6.03	12.6	47.9
B 218	5.0	80.0	79.2	0.8	10	CLEAR	2.80	130	71.0	6.21	12.5	50.0
B 226	4.9	* 41.7	78.2	1.5			2.90	148	67.0	5.96	12.0	50.0
B 227	4.6	80.0					2.51			6.37	13.1	48.8
B 231	5.5	80.7	79.9	0.8		CLEAR	3.50	116	74.5			

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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										240.0	1.49		
B 25	3	2	3	62	29	69.2	21.4	6.3	3.1	254.0	1.49	15.0	71
B 27						62.3	28.0	6.1	3.6	258.0	1.51	21.0	34
B 30	0	8	2	46	44	71.3	18.4	7.9	2.4	274.0	1.50	26.9	46
B 31												25.0	* 107
B 32						64.9	23.8	* 10.2	1.1	257.0		18.9	75
B 42										252.0	1.49		68
B 43	0	0	2	65	33	76.2	17.5	5.1	1.2	247.0	1.49	15.3	46
B 54						70.6	21.4	5.8	2.2	245.0	1.48	17.1	57
B 55										258.0	1.49		37
B 109	0	8 *	26	24	42	71.7	21.0	5.2	2.1	256.0	1.48	32.8	45
B 129	0	6 *	12	57	25	67.9	21.7	6.7	3.7	* 297.5	1.49	29.2	53
B 152						69.2	21.8	7.9	1.2	254.0		15.9	70
B 180	3	1	1	31	64	75.2	18.2	4.9	1.7	282.0	1.48	19.5	55
B 189						69.3	20.9	6.7	3.1	244.0	1.49	19.5	58
B 204						71.1	19.5	6.5	2.9			21.2	45
B 208										257.0			55
B 213						69.7	21.4	7.7	1.2	265.0		20.0	55
B 218						69.3	17.8	7.3	* 5.6	266.0	1.46	16.9	50
B 226						69.0	23.7	5.2	1.9	262.7		20.8	29
B 227	1	1	3	61	34	68.0	23.1	6.5	2.4			26.9	57
B 231						69.9	23.0	5.3	1.9	256.0	* 1.41		77

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N	22	20	18	18			21	20	19	21	21	19
Mean	4.8	80.2	79.3	0.8			2.78	147.0	67.7	5.90	12.4	47.6
Min	4.5	79.6	78.2	0.4			2.25	116	56.1	5.12	11.3	42.6
Max	5.5	81.0	80.2	1.5			3.70	163	75.5	6.41	13.1	51.0
Std	0.3	0.5	0.6	0.3			0.46	11.5	6.0	0.30	0.4	2.0

** Not Included in Mean*

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	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	7	5	7	7	17	17	16	16	18	13	17	20
Mean	1.0	3.7	2.2	49.4	38.7	69.7	21.3	6.3	2.2	257.1	1.49	21.3	54.2
Min	0.0	0.0	1.0	24.0	25.0	62.3	17.5	4.9	1.1	240.0	1.46	15.0	29.4
Max	3.0	8.0	3.0	65.0	64.0	76.2	28.0	7.9	3.7	282.0	1.51	32.8	77.0
Std	1.4	3.5	0.8	16.3	13.0	3.2	2.6	1.0	0.9	10.4	0.01	5.2	13.3

* Not Included in Mean

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