

MAL-11A

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	4.7	79.4	78.5	0.9	5.7	LIGHTLY HAZ	2.35	163		5.13	11.9	43.0
B 25	4.9	80.0	79.3	0.7			2.37	182	59.8	5.31	12.0	44.5
B 27	4.6	79.5	78.5	1.0		HAZY	3.10	206	59.3	4.65	12.4	37.6
B 30	4.6	79.4	78.2	1.2			2.34	190	65.1	5.70	11.4	50.1
B 31	4.6					2.20				5.39	12.0	44.9
B 32	4.8	79.5	78.3	1.1			1.89	195	55.7	5.43	12.1	45.0
B 42	4.9	80.4	79.6	0.8			2.76	176	62.3	5.24	12.1	43.2
B 43	4.7	80.0	78.9	1.1	5	HAZY	1.82	182	56.3	5.01	11.9	41.1
B 54	4.7	80.2	79.1	1.1	5	HAZY	1.83	186	60.3	5.34	12.0	44.7
B 55	4.8	79.9	78.9	1.0			2.24	197	64.5	5.23	11.6	45.2
B 109	4.7	80.5					2.45	184	65.1	5.55	12.7	43.7
B 129	4.6	79.8	78.9	1.0	5	HAZY	1.89	180	59.9	5.13	11.9	43.2
B 152	4.8	79.6	78.6	1.0		CLEAR	2.26	192	52.5	5.28	11.9	44.2
B 180	4.9	80.2	77.6	1.1	5	HAZY	1.97	180	57.2	5.29	11.9	44.9
B 189	4.6	79.3	78.3	1.0	5	HAZY	1.85	187	59.8	5.13	12.6	40.5
B 204	4.8	79.1	78.7	* 0.4	<5	CLEAR	2.40	171	52.0	4.89	11.9	41.0
B 208	4.8	79.5				CLEAR	2.77	191	48.7	5.20	11.9	43.7
B 213	4.8	79.5	78.6	0.9		CLEAR	2.08	204	56.9	5.29	12.3	43.0
B 218	4.7	79.2	78.4	0.8	10	CLEAR	2.30	167	56.0	5.41	11.6	47.0
B 226	5.1	* 42.8	78.3	1.2			2.39	188	53.8	5.32	11.4	47.0
B 227	4.4	80.3					1.78			5.58	12.0	46.5
B 231	5.1	79.9	79.0	0.9		CLEAR	* 3.90	156	61.5			

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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										206.0	1.50				
B 25	2	1	7	79	11	62.9	30.9	5.2	1.0	200.0	1.50	24.0	105		
B 27						62.4	33.0	3.8	0.8	205.0	1.52	29.0	112		
B 30	2	3	0	90	5	69.3	24.7	5.4	0.6	222.0	1.51	21.6	117		
B 31												21.0	123		
B 32						54.5	35.9	9.0	0.6	215.0		20.3	86		
B 42										208.0	1.50		99		
B 43	1	3	4	90	2	69.2	25.6	4.7	0.5	194.0	1.50	30.7	84		
B 54						65.8	27.9	5.7	0.5	195.0	1.49	26.9	93		
B 55										199.0	1.50		62		
B 109	4	*	12	26	54	4	63.5	31.0	4.7	0.8	198.0	1.50	25.2	104	
B 129	0	1	8	91	0		64.3	28.8	5.8	1.1	227.5	1.49	25.9	85	
B 152							59.8	33.1	6.8	0.4	213.0		29.1	117	
B 180	1	2	10	81	6		62.3	29.0	6.6	1.2	228.0	1.49	23.8	85	
B 189							66.3	27.5	5.3	0.9	195.0	1.49	35.7	94	
B 204							68.3	25.9	4.9	0.9			18.5	69	
B 208											209.0			86	
B 213							59.7	32.7	7.3	0.3	205.0		14.0	102	
B 218							62.9	26.3	7.9	*	217.0	1.47	16.3	68	
B 226							60.5	34.6	4.3	0.5	215.1		*	47.1	115
B 227	7	4	24	60	5		58.3	34.6	6.5	0.6			21.6	109	
B 231							62.7	30.8	5.6	0.9	220.0	*	1.43		108

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N	22	20	18	17			20	20	19	21	21	21
Mean	4.8	79.8	78.6	1.0			2.24	183.9	58.2	5.26	12.0	44.0
Min	4.4	79.1	77.6	0.7			1.78	156	48.7	4.65	11.4	37.6
Max	5.1	80.5	79.6	1.2			3.10	206	65.1	5.70	12.7	50.1
Std	0.2	0.4	0.5	0.1			0.36	12.8	4.6	0.23	0.3	2.6

** 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	6	7	7	7	17	17	17	16	19	13	16	21
Mean	2.4	2.3	11.3	77.9	4.7	63.1	30.1	5.9	0.7	209.0	1.50	24.0	96.3
Min	0.0	1.0	0.0	54.0	0.0	54.5	24.7	3.8	0.3	194.0	1.47	14.0	62.0
Max	7.0	4.0	26.0	91.0	11.0	69.3	35.9	9.0	1.2	228.0	1.52	35.7	123.0
Std	2.4	1.2	9.9	15.1	3.5	3.9	3.5	1.4	0.3	10.8	0.01	5.6	17.3

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