

MAL-4A

American Society of Brewing Chemists
MALT CHECK SERVICE

4/30/2016

<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 25	4.2	80.8	79.8	1.0			2.39	167	66.2	5.24	11.7	44.7
B 30	4.0	80.4	79.6	0.8			2.21	139	61.7	5.03	11.2	44.9
B 32	4.1	79.8	78.9	0.9			2.04	158	72.9	5.15	12.4	41.5
B 43	3.9	80.4	79.3	1.1	5	CLEAR	2.14	147	59.7	4.89	12.3	39.6
B 54	4.0	80.6	79.6	1.1	5	CLEAR	2.07	159	65.9	5.15	12.1	42.6
B 55	4.0	81.0	80.2	0.8			2.23	139	70.5	5.10	11.9	42.8
B 109	4.3	80.7					2.27	154	72.1	5.17	11.8	43.9
B 129	4.1	80.9	80.1	0.8	5	CLEAR	2.10	157	66.1	5.10	12.3	41.3
B 180	4.3	81.1	80.0	1.0	5	CLEAR	2.09	137	62.7	5.09	12.1	41.9
B 189	4.0	80.0	78.9	1.1	5	CLEAR	2.06	149	67.9	4.96	12.5	39.9
N	10	10	9	9			10	10	10	10	10	10
Mean	4.1	80.6	79.6	1.0			2.16	150.6	66.6	5.09	12.0	42.3
Min	3.9	79.8	78.9	0.8			2.04	137	59.7	4.89	11.2	39.6
Max	4.3	81.1	80.2	1.1			2.39	167	72.9	5.24	12.5	44.9
Std	0.1	0.4	0.5	0.1			0.11	10.1	4.4	0.10	0.4	1.8

* 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 25	0	4	12	78	6	77.2	19.3	2.8	0.7	204.0	1.51	6.0	101
B 30	0	0	0	96	4	74.3	21.3	3.8	0.6	193.0	1.47	4.3	82
B 32						69.7	25.6	4.6	0.1	176.0		5.9	85
B 43						75.7	21.1	3.1	0.3	204.0	1.46	6.6	84
B 54						75.7	21.1	3.1	0.3	215.0	1.45	5.0	81
B 55										201.0	1.47		58
B 109	*	6	10	2	78	67.9	27.8	3.8	0.5	204.0	1.47	7.7	81
B 129	0	2	8	86	4	74.9	21.5	3.0	0.6	214.5	1.50	7.5	77
B 180	0	2	4	92	2	78.8	18.7	2.3	0.2	216.0	1.46	5.5	69
B 189						77.3	20.1	2.5	0.1	191.0	1.47	5.8	98
N	4	5	5	5	5	9	9	9	9	10	9	9	10
Mean	0.0	3.6	5.2	86.0	4.0	74.6	21.8	3.2	0.4	201.9	1.47	6.0	81.6
Min	0.0	0.0	0.0	78.0	2.0	67.9	18.7	2.3	0.1	176.0	1.45	4.3	58.0
Max	0.0	10.0	12.0	96.0	6.0	78.8	27.8	4.6	0.7	216.0	1.51	7.7	101.0
Std	0.0	3.8	4.8	8.1	1.4	3.6	3.0	0.7	0.2	12.5	0.02	1.1	12.5

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