American Society of Brewing Chemists
MALT CHECK SERVICE

Sub #	Moisture (%)	% Extract - Fine Ground (D.B.)	% Extract - Coarse Ground (D.B.)	% Fine - Coarse Difference	Conversion Time (min)	Clarity of Wort (visual)	Color of Wort, 1/2" cell (ASBC)	Diastatic Power, Salt Ext. (Deg.)	Alpha-amylase, Salt Ext.	Soluble Protein	Total Malt Protein	Soluble/Total Protein (D.B.)
B 25	4.5	81.1	80.2	0.9			2.06	160	63.4	4.95	11.5	43.0
B 30	4.3	80.5	79.1	1.4			2.01	145	64.0	5.14	12.2	42.1
B 32	4.5	81.0	80.1	0.9			1.83	150	63.5	5.07	12.0	42.4
B 43	4.3	81.0	79.9	1.1	5	CLEAR	1.94	142	58.1	5.00	11.7	42.7
B 54	4.3	81.5	80.4	1.1	5	CLEAR	1.82	149	63.1	4.87	11.5	42.4
B 55	4.4	80.9	80.4	0.5			2.03	137	67.5	5.10	11.7	43.3
B 129	4.4	81.4	80.5	0.9	5	CLEAR	1.82	149	63.2	4.91	11.8	41.6
B 180	4.6	81.2	80.1	1.1	5	CLEAR	1.86	139	62.3	5.03	11.7	42.8
B 189	4.3	80.4	79.4	1.1	5	CLEAR	1.87	140	65.4	4.80	11.7	42.1
B 213	4.4	80.8	79.7	1.1		CLEAR	1.86	152	60.9	5.01	12.0	41.8
N	**10**	**10**	**10**	**10**			**10**	**10**	**10**	**10**	**10**	**10**
Mean	**4.4**	**81.0**	**80.0**	**1.0**			**1.91**	**146.3**	**63.1**	**4.99**	**11.8**	**42.4**
Min	**4.3**	**80.4**	**79.1**	**0.5**			**1.82**	**137**	**58.1**	**4.80**	**11.5**	**41.6**
Max	**4.6**	**81.5**	**80.5**	**1.4**			**2.06**	**160**	**67.5**	**5.14**	**12.2**	**43.3**
Std	**0.1**	**0.4**	**0.5**	**0.2**			**0.09**	**7.1**	**2.5**	**0.11**	**0.2**	**0.5**

** Not Included in Mean*

MAL-12B

American Society of Brewing Chemists
MALT CHECK SERVICE

12/31/2016

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	2	8	76	14	75.5	20.2	3.7	0.6	188.0	1.49	6.0	91
B 30	2 *	0	0	77	21	74.3	19.0	6.1	0.6	191.0	1.49	6.3	94
B 32						72.0	23.4	5.1	0.4	178.0		6.0	90
B 43	1	2	6	88	3	73.1	21.7	4.6	0.6	187.0	1.47	6.1	84
B 54						71.3	22.0	6.3	0.4	189.0	1.47	4.7	89
B 55										185.5	1.47		63
B 129	0	2	9	89	0	74.7	20.0	4.6	0.7	200.0	1.51	6.3	92
B 180	3	2	3	91	1	71.3	22.0	6.3	0.4	219.0	1.47	5.8	77
B 189						77.6	19.0	3.2	0.5	164.0	1.47	6.3	81
B 213						69.3	25.9	4.4	0.4	171.0		5.0	109
N	**5**	**4**	**5**	**5**	**5**	**9**	**9**	**9**	**9**	**10**	**8**	**9**	**10**
Mean	**1.2**	**2.0**	**5.2**	**84.2**	**7.8**	**73.2**	**21.5**	**4.9**	**0.5**	**187.3**	**1.48**	**5.8**	**87.0**
Min	**0.0**	**2.0**	**0.0**	**76.0**	**0.0**	**69.3**	**19.0**	**3.2**	**0.4**	**164.0**	**1.47**	**4.7**	**62.6**
Max	**3.0**	**2.0**	**9.0**	**91.0**	**21.0**	**77.6**	**25.9**	**6.3**	**0.7**	**219.0**	**1.51**	**6.3**	**109.0**
Std	**1.3**	**0.0**	**3.7**	**7.1**	**9.3**	**2.5**	**2.2**	**1.1**	**0.1**	**15.2**	**0.02**	**0.6**	**12.1**

** Not Included in Mean*