

LOT	Tag	SireID	Mic	S.D.	C.V.	%>30u	GFWT%	BWT	EMD	CFat	YCFW	YFD	YSL	YWT	YFAT	YEMD	7%DP
1	180316	KP325	18.9	2.5	13	0	114	95	33.5	3.0	13.4	-1.8	7.8	5.2	-0.7	-0.9	142
2	180115	L2775	18	2.7	14.8	0	98	105	38.0	4.0	15.0	-1.6	6.7	7.2	0.2	0.3	156
3	180118	L2775	19.5	3.2	16.6	0.2	102	100	39.5	5.0	16.7	-0.8	7.4	6.7	0.0	-0.4	142
4	180174	BK12	19.5	2.8	14.6	0.4	118	88	34.5	4.0	19.4	-0.8	11.3	4.6	-0.2	0.2	155
5	180471	SYN 2018	19.5	2.5	12.9	0.4	124	89	34.0	3.0	21.1	-1.3	12.6	3.9			
6	180463	BK12	18.3	2.4	13.2	0.6	106	102	40.0	4.0	10.8	-1.9	8.8	4.9	-0.1	0.3	148
7	180178	BK12	18.7	2.6	13.7	0	110	92	36.5	3.5	19.9	-0.8	14.9	5.5	-0.2	0.2	154
8	180179	BK12	21.2	3.7	17.4	1.2	118	100	36.5	4.5	19.6	-0.9	14.2	6.2	-0.1	0.4	157
9	180177	BK12	19.1	3	15.5	0.6	104	100	38.5	4.0	14.3	-1.4	9.9	6.2	-0.1	0.4	153
10	180375	WP82	19.8	3.2	16	0.8	106	96	35.5	4.5	15.8	-1.6	6.2	3.3	-0.5	-1.0	145
11	180338	KP325	18.8	2.9	15.2	0.8	102	92	34.0	4.0	14.9	-1.3	7.6	4.8	-0.6	-0.9	136
12	180181	BK12	19.3	2.5	13	0.2	108	99	35.0	4.0	16.8	-1.0	14.0	4.9	-0.1	0.3	150
13	180300	KP325	17.9	2.9	16.1	0.6	118	104	35.5	3.5	15.1	-1.4	6.4	8.0	-0.3	-0.3	149
14	180145	BK12	20.8	2.6	12.4	0.2	102	100	33.0	3.0	17.3	-0.4	13.6	5.1	-0.1	0.3	148
15	180409	WP82	19.3	2.6	13.7	0.2	110	86	38.0	4.0	18.6	-1.3	10.0	1.5	-0.6	-1.2	135
16	180023	TW	16.5	2.8	16.9	0.4	118	90	33.0	3.5	17.9	-2.1	7.9	2.0		-1.0	136
17	180083	L2775	18.9	3.1	16.1	0.6	110	96	32.5	4.0	18.6	-1.2	9.5	7.4	0.3	0.2	154
18	180348	KP325	18.8	2.5	13.5	0.8	118	88	34.5	3.5	19.3	-1.1	9.3	6.1	-0.5	-0.5	146
19	180297	KP325	18.3	3.8	20.9	0.6	102	91	39.0	4.0	16.7	-1.5	7.7	6.1	-0.6	-0.4	149
20	180299	KP325	19.2	2.6	13.6	0	110	94	35.5	3.5	19.6	-0.6	9.6	6.3	-0.4	-0.4	147
21	180251	WP42	19.6	2.6	13.3	0.2	114	85	33.5	4.0	16.4	-1.1	9.7	2.4			147
22	180190	BK12	19.9	2.4	12.2	0	114	91	33.5	3.5	20.5	-1.4	10.7	5.1	-0.3	-0.1	157
23	180173	BK12	18.1	2.3	12.6	0.2	116	99	38.5	3.5	15.6	-1.7	6.6	4.9	-0.3	0.1	154
24	180128	160197	20.1	2.6	13.2	0	110	92	33.5	4.0	15.3	-1.8	8.4	4.4	-0.2	-0.7	138
25	180489	SYN 2018	18.7	2.8	15	0.2	132	96	33.0	3.5	20.7	-1.8	12.6	2.6			
26	180267	WP42	19.9	2.9	14.4	0.8	110	98	39.0	4.0	19.8	-1.1	8.1	5.7	0.5	1.1	160
27	180474	WP42	20.4	2.8	13.9	0.4	112	94	36.0	4.0	20.8	-0.3	14.1	3.4		0.9	149
28	180198	BOND 007	17.8	2.6	14.7	0.4	118	92	29.5	2.5	13.1	-2.2	10.8	4.3	-0.2	-0.9	127
29	180112	L2775	21.6	4	18.7	1	126	93	32.0	4.0	23.1	-1.0	9.4	5.5	-0.2	-0.6	149

30	180470	SYN 2018	18	2.5	13.9	0.4	106	96	37.0	3.5	10.4	-1.5	7.2	4.9			
31	180200	BOND 007	18.4	2.5	13.6	0.2	114	101	37.0	5.5	14.8	-1.4	9.9	4.0	-0.3	-1.0	125
32	180404	WP82	18.7	3	16.1	0.2	136	94	34.0	3.5	21.6	-1.3	8.4	3.6	-0.6	-1.1	148
33	180014	TW	18	2.8	15.4	0.4	108	89	32.5	4.0	16.0	-2.0	10.7	3.4		-0.8	137
34	180327	KP325	19.6	2.6	13.2	0.2	110	87	32.5	3.0	16.9	-1.0	4.8	4.1	-0.7	-1.0	134
35	180478	SYN 2018	20	3.4	17.2	1	112	93	33.0	4.0	18.6	-1.0	9.1	3.0			
36	180027	TW	18.6	2.6	13.7	0.2	102	101	38.0	4.0	10.9	-2.0	5.8	5.0		-0.6	138
37	180282	WP42	19.6	2.9	15	0.2	108	89	37.5	4.0	15.6	-1.3	11.3	2.9	0.2	1.0	148
38	180483	WP42	19.9	2.6	13	0.4	118	91	32.5	3.5	19.8	-0.6	12.6	2.6	0.0	0.6	146
39	180033	TW	19	2.7	14.2	0.2	116	82	32.5	4.0	20.1	-1.4	10.5	2.6		-0.9	136
40	180447	RA400	19.8	3.1	15.8	0.6	126	86	35.5	3.5	17.7	-1.0	9.3	2.2			
41	180249	WP42	20.4	2.9	14.4	0.8	102	94	33.5	4.5	15.6	-1.0	10.3	2.0	-0.1	0.6	142
42	180150	BK12	18.8	2.6	14	0.4	102	95	37.0	3.5	20.0	-0.6	10.9	7.1	0.1	0.5	157
43	180103	L2775	19.5	3.5	17.9	1.2	120	103	33.0	3.5	21.8	-1.5	11.5	6.8	0.0	-0.2	159
44	180116	L2775	19.3	3.8	20	0.4	114	94	36.5	4.0	16.9	-1.8	10.7	6.5	0.0	-0.3	149
45	180285	WP42	18.9	2.6	13.5	0.4	114	94	34.0	3.5	17.5	-1.2	10.8	3.0			148
46	180185	BK12	19.6	2.9	14.7	0.4	110	84	36.0	3.0	23.3	-1.1	11.2	5.6	-0.2	0.1	159
47	180161	BK12	18.3	2.5	13.6	0.2	120	90	34.0	4.0	20.6	-1.4	14.1	4.6	-0.3	0.0	156
48	180192	BK12	19.5	3.1	16.1	1	110	97	37.0	4.0	19.7	-1.1	9.5	5.6	-0.2	0.6	162
49	180196	BK12	20.2	2.7	13.5	0.2	102	91	40.5	4.0	13.2	-0.8	11.7	5.6	0.0	0.5	148
50	180056	TW	18.9	2.9	15.5	0.8	120	92	35.5	4.0	16.8	-1.6	7.8	3.2		-0.7	136
51	180450	RG031	18.7	2.7	14.5	0.2	126	93	34.5	3.5	20.1	-1.3	10.5	2.1			
52	180399	WP82	18.9	2.4	12.6	0.2	110	88	33.0	3.5	19.1	-1.1	10.6	3.4	-0.4	-1.0	144
53	180426	RA400	20.4	2.6	12.6	0.4	134	86	31.5	4.0	19.1	-0.1	11.4	3.1			
54	180183	BK12	19	2.6	13.7	0.6	110	92	37.5	4.0	15.5	-1.2	8.4	4.8	0.0	0.6	155
55	180383	WP82	19.6	3	15.3	0.6	122	103	35.5	4.0	21.5	-0.9	9.3	4.2	-0.3	-1.5	135
56	180386	WP82	20.3	3.6	17.9	0.4	86	87	35.5	4.0	15.1	-0.6	10.7	1.2	-0.5	-1.4	126
57	180366	RLS SYN	20.5	2.8	13.5	0.2	106	91	35.5	3.5	16.6	-0.3	12.7	4.5			
58	180269	WP42	18.1	3	16.5	0.4	104	89	39.0	3.5	18.3	-2.0	10.2	4.2	-0.2	0.4	157
59	180312	KP325	19.1	2.9	15.4	0.8	108	90	32.5	4.0	17.8	-0.8	6.5	6.5	-0.2	-0.5	144

60	180431	RA400	19.8	3	15.1	0.4	104	100	38.5	4.5	14.7	-0.7	7.8	2.9			
61	180274	WP42	18.6	2.7	14.5	0.6	106	99	40.0	4.0	12.7	-1.7	7.3	2.2			145
62	180175	BK12	20.5	2.9	14.4	0.6	114	95	36.0	4.5	15.0	-0.3	14.4	5.1	0.0	0.7	151
63	180108	L2775	21.4	3.5	16.6	1.2	112	95	35.5	3.5	20.5	-0.4	9.4	7.7	0.2	0.0	151
64	180275	WP42	20.6	3.4	16.7	1.4	110	82	36.5	3.5	21.1	-1.6	11.9	2.0			151
65	180081	L2775	18.9	3.1	16.4	0.4	124	84	28.0	3.0	23.1	-1.2	10.6	5.5	0.1	-0.1	154
66	180199	BOND 007	19	2.3	12.3	0.2	108	94	38.5	3.5	12.0	-1.8	11.1	6.4	-0.1	-0.8	133
67	180377	WP82	18.8	3.3	17.6	0.4	116	93	34.0	3.5	26.2	-1.2	9.1	1.9	-0.5	-1.6	144
68	180362	RLS SYN	18.2	3	16.5	0.6	100	100	37.5	4.0	13.6	-1.7	4.4	4.0			
69	180453	RG031	20.3	3.3	16.4	0.6	112	95	30.0	3.0	14.0	-1.1	7.7	2.7			
70	180193	BK12	17.9	2.9	16	0.4	110	86	32.5	4.0	14.6	-2.1	9.5	3.1	-0.3	-0.1	149
71	180381	WP82	17.9	2.9	16.3	0.2	106	83	32.0	3.5	15.7	-2.0	7.0	2.0	-0.6	-1.1	142
72	180091	L2775	18.4	2.7	14.7	0.4	104	99	37.0	3.5	14.7	-0.9	6.6	6.8	0.2	0.3	150
RES	180451	RG031	20.3	2.7	13.3	0.2	114	100	36.5	4.0	19.5	-0.8	11.5	5.0			141
CC	180156	BK12	17.9	2.2	12.4	0	114	98	37.0	4.5	14.6	-1.3	13.2	5.4	-0.2	0.3	154
CC	180191	BK12	19.8	2.7	13.5	0.4	102	103	34.0	3.5	15.6	-0.9	15.4	5.3	0.0	0.4	150
Pen A	180147	BK12	20.7	4	19.1	1	124	89	32.0	3.0	22.7	-0.4	12.7	4.2	0.1	-0.2	149
Pen A	180236	WP42	21.7	3.1	14.2	0.8	101	99	36.5	3.5	15.6	-0.8	11.1	3.2			145
Pen A	180314	KP325	21.6	3.2	14.7	1.2	101	99	35.5	3.5	14.9	-0.7	8.9	6.5	-0.2	-0.3	144
Pen A	180345	KP325	17.6	2.8	15.9	0.2	100	94	35.5	3.0	13.4	-2.1	8.3	6.3	-0.7	-0.5	139
Pen A	180461	L2775	19.4	3.8	19.5	1	129	100	39.0	5.0	20.0	-1.0	10.4	7.7	-0.2	0.1	151
Pen B	180053	TW	17.8	3.4	19	0.6	125	91	37.0	3.5	16.8	-2.0	6.1	4.5	-0.8		140
Pen B	180195	BK12	17.9	2.8	15.9	0.2	5.1	87	38.0	4.0	12.0	-1.4	9.7	5.3	0.3	-0.1	149
Pen B	180295	KP325	21.7	3	13.9	0.4	121	94	35.0	3.5	18.9	-0.2	11.1	6.1	-0.5	-0.4	140
Pen B	180441	RA400	19.5	3	15.3	0.4	101	80	32.0	3.5	12.9	-0.9	9.1	1.1			
Pen B	180485	SYN 2018	20.5	2.8	13.5	0.6	113	97	36.5	4.0	16.7	-0.8	10.4	4.5			
Pen C	180157	BK12	19.9	2.7	13.4	0.6	84	72	37.5	3.5	7.7	-0.9	8.8	5.8	0.7	0.2	143
Pen C	180172	BK12	19.8	3.2	16	0.2	84	70	36.5	3.5	14.6	-0.9	9.6	4.6	0.2	-0.2	147
Pen C	180184	BK12	18.5	2.4	13.1	0	98	73	37.0	4.5	13.8	-1.2	7.1	4.6	0.6	-0.1	156
Pen C	180243	WP42	18.4	2.6	14	0.6	98	73	37.0	5.0	13.0	-0.5	9.9	4.6	1.5	0.5	150

Pen C	180288	KP325	18.1	2.8	15.2	0.2	111	69	34.5	3.0	20.7	-0.9	8.4	4.8	-0.8	-0.7	138
Pen C	180395	WP82	20.5	2.6	12.4	0.2	109	61	32.0	4.0	20.7	-0.6	11.8	1.4	-1.7	-0.7	133
Pen D	180106	L2775	18.4	2.9	15.6	0.4	88	76	33.5	4.5	11.0	-1.3	6.0	6.4	-0.2	0.1	141
Pen D	180151	BK12	19.4	2.6	13.5	0.4	94	76	35.0	4.5	10.0	-0.9	12.4	6.9	0.6	0.1	151
Pen D	180158	BK12	20.6	3.5	16.9	1	111	59	34.5	3.5	22.6	-0.6	13.3	4.5	0.1	-0.2	153
Pen D	180167	BK12	20	2.8	13.9	0.2	88	68	36.0	3.5	14.3	-0.4	9.0	6.0	0.4	0.1	148
Pen D	180367	WP82	19.3	2.9	15	0.2	109	69	36.5	3.5	23.3	-1.5	10.6	3.2	-1.5	-0.7	139
Pen D	180488	SYN 2018	19.6	3.7	19.1	0.8	100	69	29.0	3.0	15.5	-1.1	8.5	4.3			143