



Pauls Malt Ltd
Knapton Maltings
Knapton
United Kingdom
Phone: 01944 753000
VAT: GB997343172

Certificate of Analysis

Jewers Grain Ltd
New Granaries
Elmswell Road
Woolpit IP30 9RH
United Kingdom

Analysis Number: 227239.BC.40250
Customer Order: 22001702
Customer Ref.:
Contract Number:
Lucky Squid
Lot/SN: 227239.BC.40250

Date Shipped: 16-09-2022
Quantity: 15.000 MT

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
EBC Extract 0.2mm dry basis	75.2	%	75.0	
EBC Colour	120.00	EBC	110.00	130.00
Moisture	4.6	%		6.00



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24 - 25 Eastern Way
Bury St Edmunds IP32 7AD
Phone: 01284 772000
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United Kingdom

Analysis Number: 213335.BP.40150 2274722
Customer Order: 22000319
Customer Ref.:
Contract Number:

Date Shipped: 20-07-2022
Quantity: 20.000 MT

Miserable fish
Lot/SN: 213335.BP.40150

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
DP Windisch Kolbach as is	160	WK	70	
EBC Colour	43	EBC	40	50
Moisture	4.4	%		4.5
Total Protein dry basis	10.6	%	9.9	11.5
Total Nitrogen dry basis	1.68	%		2.00
IOB Extract 0.7mm dry basis	297.7	%	293.0	



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Analysis Number: 244624.BC.40250
Customer Order: 22003531
Customer Ref.:
Contract Number:

Date Shipped: 21-11-2022
Quantity: 15.000 MT

Deep Diver

Lot/SN: 244624.BC.40250

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
EBC Extract 0.2mm dry basis	75.7	%	75.0	
EBC Colour	210.00	EBC	200.00	250.00
Moisture	3.6	%		5.00



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Analysis Number: 227232.BC.40250
Customer Order: 22001698
Customer Ref.:
Contract Number:

Date Shipped: 15-09-2022
Quantity: 15.000 MT

Captains Classic
Lot/SN: 227232.BC.40250

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
EBC Extract 0.2mm dry basis	81.7	%	75.0	
EBC Colour	35.00	EBC	25.00	35.00
Moisture	7.0	%		7.50



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Analysis Number: 205318.BC.40250
Customer Order: 21008477
Customer Ref.:
Contract Number:

Date Shipped: 17-06-2022
Quantity: 15.000 MT

Angry Angler

Lot/SN: 205318.BC.40250

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
EBC Extract 0.2mm dry basis	78.6	%	72.0	
EBC Colour	1,400.00	EBC	1,400.00	1,600.00
Moisture	3.20	%		4.00



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Analysis Number: 212689.BP.40150 2266689
Customer Order: 22000320
Customer Ref.:
Contract Number:

Date Shipped: 18-07-2022
Quantity: 29.000 MT

Albino Whale Extra Pale Ale

Lot/SN: 212689.BP.40150

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
IOB Extract 0.7mm dry basis	311.6	%	310.0	
Moisture	3.9	%	3.0	4.5
Total Nitrogen dry basis	1.53	%		1.65
IOB Colour in Wort	3.5	EBC	2.0	3.5
IOB Soluble Nitrogen Ratio	42.7	%	38.0	43.0
IOB B-Glucan in Wort	113	mg/l		140
Friability	92.0	%	86.0	
IOB Total Soluble Nitrogen dry	0.65	%	0.50	0.65
IOB FAN in Wort	151	mg/l	150	
Homogeneity	98.2	%	98.0	
Diastatic Power as is	74	°IOB		



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Analysis Number: 258437.BP.40150 2801075
Customer Order: 22004834
Customer Ref.:
Contract Number:

Date Shipped: 23-01-2023
Quantity: 29.000 MT

Albino Whale Extra Pale Ale

Lot/SN: 258437.BP.40150

Test Identification	TestValue	UM	Preferred MinValue	Preferred MaxValue
IOB Extract 0.7mm dry basis	315.0	%	310.0	
Moisture	4.2	%	3.0	4.5
Total Nitrogen dry basis	1.59	%		1.65
IOB Colour in Wort	3.2	EBC	2.0	3.5
IOB Soluble Nitrogen Ratio	41.3	%	38.0	43.0
IOB B-Glucan in Wort	127	mg/l		140
Friability	90.6	%	86.0	
IOB Total Soluble Nitrogen dry	0.65	%	0.50	0.65
IOB FAN in Wort	150	mg/l	150	
Homogeneity	98.5	%	98.0	
Diastatic Power as is	69	°IOB		