

Client name:	
Business name:	
Business address:	
Email:	
Contact phone number:	

Schedule of services – Barley	Default testing levels					Client specified
	Prelim	Level 1	Level 2	Level 3	Level 4	
Process/Trait						
RVA (Pre-harvest Sprouting)	✓				✓	
NIR barley*	✓	✓	✓	✓	✓	
Physical/Grain Quality Tests						
Sample prep and clean#			✓	✓	✓	
Grain weight					✓	
Screenings >2.2mm, >2.5mm (Rationel)			✓	✓	✓	
Hectolitre weight (test weight)			✓	✓	✓	
Grain colour Minolta (CIE lab)			✓	✓	✓	
SKCS (grain hardness)					✓	
Digital image analysis (multiple traits)				✓	✓	
Grain Protein (Dumas)					✓	
Chemical/Malt Quality Tests						
Germination test (4ml/8ml)				opt	opt	
Micromalt (40g - 1000g)			✓	✓	✓	
HWE FG^ (includes Visc and other parameters)			✓	✓	✓	
HWE CG					opt	
Malt Protein (for Kolbach Index)					✓	
Soluble Nitrogen (for Kolbach Index)					✓	
DP			✓	✓	✓	
NIR malt##			✓	✓	✓	
FAAN+Wort Beta Glucan (Skalar)				✓	✓	
Friability					✓	
AAL (fermentability)					✓	
Alpha Amylase					✓	

# Barley testing request form (cont.)

Process/Trait	Prelim	Level 1	Level 2	Level 3	Level 4	Client specified
Beta Glucanase					✓	
Limit Dextrinase					✓	
DMS (dimethyl sulphide)					opt	
LOX (lipoxygenase)					opt	

Clients should refer to the table below, indicating micromalter batch capacities, when submitting work requests

Joe White Malting Systems Micromalter capacities		
Sample size	8kg machine	10kg machine
40g	96	120
100g	64	80
250g	32	40
500g	16	20
1000g	8	10

opt – optional

\*NIR barley includes moisture, grain brightness, grain protein, predicted malt extract, grain hardness, husk%

#Sample prep and clean includes screening >1.5mm or 2.2mm (required for micromalting), deawning, other preparation as required

##NIR malt includes moisture, malt protein, malt extract, soluble nitrogen, FAN

^HWE FG includes malt extract% and viscosity (IOB mash) plus pH, colour, clarity, saccharification rate, filtration (EBC Congress mash)

Details of analysis request for quotation (refer to schedule of services):

Approximate date results required:

Registration/Access to GPL Oracle database required?  
Yes or No (\$300 annual registration fee applies):

Additional comments:

Please forward completed request form to [admin@aegic.org.au](mailto:admin@aegic.org.au)

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