



Tel: +44 (0)1289 330033  
 Fax: +44 (0)1289 306602  
 malt@simpsonsmalt.co.uk  
 www.simpsonsmalt.co.uk

Including McCreath Simpson & Prentice and John Guthrie, trading divisions

## QUALITY CERTIFICATE

**Certificate Number:** QC0134245

Bintani Australia  
 P O Box 2069  
 Hampton East  
 VICTORIA 3188  
 Australia

**Account Number:** 11566  
**Certificate Date:** 04/05/17  
**Fixing Number:** FX0494578  
**Fixing Date:** 19/05/17  
**Their Ref:** P.O 7841

**Product:** Finest Pale Ale Maris Otter,  
**Malting Site:** Tivetshall Maltings

Test	Result	Min	Max
Colour On IOB 450g Mash	3.8 deg EBC	4.0	6.0
Moisture Malt	3.1 %		3.7
Extract Miag 7 "Dry" LDK	310.2 ldk	306.0	
Total Nitrogen Dry % Malt	1.43 %	1.30	1.55
Total Soluble Nitrogen % Dry	0.57 %	0.50	0.65
Soluble Nitrogen Ratio	39.6 %	38.0	42.0
Friability %	99.0 %	90.0	
Homogeneity	99.9 %	99.0	
Steely Corns	0.1 %		2.0
Glucan In Wort (ppm) IOB	52 ppm		120
Diastatic Power IOB "dry"	55 deg IOB	45	70
Cold Water Extract %	17.1 %	16.0	
Colour (Quick Check)	3.8 %	4.0	6.0
Screenings Less Than 2.2 mm	0.90 %		2.00
Free Amino Nitrogen (Mg/L)@grav	143 mg/l	140	

**Despatch Checks :**

<b>Test:</b>	<b>Result</b>
Export Container Despatch Check	Loading Check Sheet Signed Off

**Other Information:**

**Printed by:** .....