



CERTIFICATE OF ANALYSIS - BAL19DMB00122

From:

Williamson & Tudor Street
Delacombe VIC 3356
Ph 03 6424 1502 x 2311 Fx: 03 5335 5799

To:

BINTANI AUSTRALIA
PO BOX 2069
HAMPTON EAST VIC 3188

Spec: BINTANI PILSENER MALT

Lot: BAL19DMB00122 - WOID: 1788119

Destination: AU

2nd ref.:
Sales Order: 4403481

Req. qt.: 2 mt

ETD: 2019-06-04

Customer PO: 9816 - Bintani Brisbane

Manufacturing date: 2019-01-21

Expiration date: 2021-01-21

Comments: 6

Workorders: 1788119

Delivered lot information			Spec		
Analysis	Unit	Value	Min	Max	Info
Moisture ⁽¹⁾	%	4.4		4.5	
Extract Fine Grind-As Is, Congress ⁽¹⁾	%	77.8			
Extract Fine Grind-Dry Basis, Congress ⁽¹⁾	%	81.3	80.0		
Saccharification time, minutes, Congress ⁽¹⁾	min	10		15	
Colour of Wort, Congress ⁽¹⁾	EBC	3.5	3.0	4.0	
Diastatic Power, Dry Basis ⁽¹⁾	°WK	326	200		
Total Protein, Dry Basis ⁽¹⁾	%	10.3	9.0	11.5	
Soluble Protein, Dry Basis, Congress ⁽¹⁾	%	4.31			
Kolbach Index, Congress ⁽¹⁾	%	41.8	40.0	46.0	
AAL, Congress ⁽¹⁾	%	82.8	79.0	83.0	
Free Amino Nitrogen, Congress ⁽¹⁾	mg/l	161			
Friability ⁽¹⁾	%	86.9	80.0		
Homogeneity ⁽¹⁾	%	99.2	95.0		
Screenings > 2.5 mm ⁽¹⁾	%	96.3	90.0		
Screenings < 2.2 mm ⁽¹⁾	%	0.5		1.5	
Viscosity, Congress ⁽¹⁾	mPas	1.53		1.60	
Wort Beta Glucan, Congress ⁽¹⁾	mg/l	134		180	
DMS Precursor ⁽¹⁾	ug/g	2.9		5.0	
Foreign Seeds	%			2.0	

(1) The result for this parameter is the calculated weighted averages of the analyses results of the composites in the delivered malt lot
(2) The result for this parameter has not been tested on the delivered malt lot and represents a value or range normally found in this material

Calculated raw material information

Variety:	Scope	Latrobe
% :	52 %	48 %