



CERTIFICATE OF ANALYSIS - BAL19DMB00123

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 SIGNATURE PILSNER
 MALT

Lot: BAL19DMB00123 - WOID: 1788133

Destination: AU

2nd ref.:

Sales Order: 4403480

Req. qt.: 5 mt

ETD: 2019-06-04

Customer PO: 9816 - Bintani Brisbane

Manufacturing date: 2018-09-02

Expiration date: 2020-09-02

Comments: 5

Workorders: 1788133

Delivered lot information			Spec		
Analysis	Unit	Value	Min	Max	Info
Moisture ⁽¹⁾	%	4.0		4.5	
Extract Fine Grind-As Is, Congress ⁽¹⁾	%	78.7			
Extract Fine Grind-Dry Basis, Congress ⁽¹⁾	%	82.0	81.0		
Colour of Wort, Congress ⁽¹⁾	EBC	3.5	3.0	4.0	
Soluble Protein, Dry Basis, Congress ⁽¹⁾	%	4.57			
Total Protein, Dry Basis ⁽¹⁾	%	10.9	9.5	11.5	
Kolbach Index, Congress ⁽¹⁾	%	41.9	38.0	44.0	
Saccharification time, Congress ⁽¹⁾	min	10		10	
Viscosity, Congress ⁽¹⁾	mPas	1.53		1.58	
AAL, Congress ⁽¹⁾	%	82.9	81.0	85.0	
Free Amino Nitrogen ⁽¹⁾	mg/l	165	150		
Wort Beta Glucan, Congress ⁽¹⁾	mg/l	148		160	
Diastatic Power, Dry Basis ⁽¹⁾	°WK	335	280		
DMS Precursor ⁽¹⁾	ug/g	2.1		5.0	
Friability ⁽¹⁾	%	90.6	83.0		
Screenings > 2.5 mm ⁽¹⁾	%	96.9	90.0		
Screenings < 2.2 mm ⁽¹⁾	%	0.2		1.5	

(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:	Latrobe
% :	100 %