



From:
Boortmalt Asia Pacific Pty Ltd
Williamson & Tudor Street
Delacombe VIC 3356

To:
BINTANI AUSTRALIA
PO BOX 2069
HAMPTON EAST VIC 3188

Spec: BINTANI TRADITIONAL ALE MALT
25KG BAG

Lot: BAL23DMB00312 - WOID:

Destination: AU

Customer Lot #: 15417 Mel

Sales Order: 39388

Req. qt.: 22 000 kg

ETD: 2023-09-21

Customer PO: 15417 Bintani Melbourne

Manufacturing date: 2023-08-14

Expiration date: 2025-08-14

Comments:

Workorders:

Vessel

Delivered lot information			Spec		
Analysis	Unit	Value	Min	Max	Info
Moisture ⁽¹⁾	%	4.4		4.5	
Extract Fine Grind-Dry Basis, Congress ⁽¹⁾	%	81.0	80.0		
Extract Coarse Grind-Dry Basis, Congress ⁽¹⁾	%	79.9			
Saccharification Time, Congress ⁽¹⁾	min	10		15	
Colour of Wort, Congress ⁽¹⁾	EBC	5.4	5.0	7.0	
Diastatic Power, Dry Basis ⁽¹⁾	°WK	301	200		
Total Protein, Dry Basis ⁽¹⁾	%	10.9	9.0	11.5	
Soluble Protein, Dry Basis, Congress ⁽¹⁾	%	4.73			
Kolbach Index, Congress ⁽¹⁾	%	43.4	42.0	48.0	
AAL, Congress ⁽¹⁾	%	82.9	78.0	84.0	
Free Amino Nitrogen, Congress ⁽¹⁾	mg/l	180			
Friability ⁽¹⁾	%	88.0	80.0		
Homogeneity ⁽¹⁾	%	98.0	95.0		
Screenings > 2.5 mm ⁽¹⁾	%	96.4	90.0		
Screenings < 2.2 mm ⁽¹⁾	%	0.5		2.0	
Viscosity, Congress ⁽¹⁾	mPas	1.50		1.60	
Wort Beta Glucan, Congress ⁽¹⁾	mg/l	93		180	
DMS Precursor ⁽¹⁾	ug/g	4.1		5.0	
Foreign Seeds ⁽¹⁾	%	0.0		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:	Spartacus
% :	100 %