

QUALITY PARAMETER		MALT 1	FOOD	MALT 2	MALT 3	F1	F2	ı	
GTA Standards CSG Number:			20	20	21	22	10	11	Em
CATEGORY									<u> </u>
VARIETAL PURITY All Malting/Food varieties must be segregated and	be of the current Season	VR	95	95	95	95	All :	2 Row Varie	eties
PROTEIN	Min %	PR	9.0	9.0	9.0	9.0	N/A	N/A	١
	Max %		12.0	12.0	12.0	12.8	N/A	N/A	١
MOISTURE	Max %	MO	12.5	12.5	12.5	12.5	12.5	12.5	1
TEST WEIGHT	Min kg/hl	TW	65.0 70.0	65.0 70.0	65.0 62.0	65.0 58.0	62.5 N/A	60.0 N/A	5
RETENTION Above 2.5mm Agtator Screen  SCREENINGS Below 2.2mm Agtator Screen	Min % by Weight Max % by Weight	RT SC	7.0	7.0	10.0	N/A	15.0	25.0	6
GERMINATIVE ENERGY	Min %	GE	95	95	95	95	N/A	N/A	
GERMINATIVE CAPACITY  Defective Grains (% by count per 100 grain sample unless o	Min %	GC	98	98	98	98	N/A	N/A	
Shot Grains	Max % by Count	SH	Nil	Nil	Nil	Nil	No Limit	No Limit	No
Rapid Viscosity Analyser (RVA) Falling Number (FN)	Min Unit Min Seconds	RV FN	130 300	130 300	130 300	130 300	N/A N/A	N/A N/A	
Sprouted Grains	Max % by Count	SP	Nil	Nil	Nil	Nil	Nil	5	No
The NIL tolerance for Shot grain does not apply if a Falling Number analys	sis is conducted			-	-	-		-	
DARK TIPPED - o <i>f which</i> Field Fungi	Max % by Count Max % by Count	DC FF	10.0 5.0	10.0 5.0	10.0 5.0	10.0 5.0	N/A N/A	N/A N/A	
Skinnings	Max % by Count	SK	15.0	15.0	15.0	15.0	N/A	N/A	
nsect Damaged Cleaved	Max by Count per 1/2 Litre Max % by Count	ID CB	1.0	1.0	10 1.0	10 1.0	85 N/A	85 N/A	
Broken Grains	Max % by Weight per 100grams	CK	2.0	2.0	2.0	2.0	5.0	5.0	
Frost Damaged Dry Green or Sappy	Max % by Count Max % by Count	FR GB	5.0 1.0	5.0 1.0	5.0 1.0	5.0 1.0	10.0 N/A	10.0 N/A	
Heat Damaged, Bin Burnt, Storage Mould	Max by Count per 1/2 Litre	ВВ	1	1	1	1	1	5	L
Pink Fungal Stained Grains	Entire Load	PF	Nil	Nil	Nil	Nil	Nil	Nil	
CONTAMINANTS	May by Cayet a a 4/0 Litra		0.5	0.5	0.5	0.5	500	4500	<u> </u>
Wheat / Cereal Rye / Triticale / Rice / Cultivated Oats Wild Oats / Wild Radish	Max by Count per 1/2 Litre  Max by Count per 1/2 Litre	FG BW	85 25	85 25	85 25	85 25	500 50	1500 100	-
Barley with Coloured Aleurone Layer (Blue / Black)	Entire load	CA	Nil	Nil	Nil	Nil	100	100	
Foreign Seed Contaminants  Type 1* Field Poppy, Long Head Poppy, Mexican, New Zealand Spinach,	Max (count per hal	lf litre I	unless c	therwise I	e stated) I	) 			
Saffron Thistle, Jute, Wild Poppy, Colocynth,	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0.44							
Parthenium Weed, Horned Poppy,  Fype 2 Castor Oil Plant, Coriander, Crow Garlic / Wild Garlic, Darling Pea,	Individual seeds per 1/2 litre	S1*	8	8	8	8	8	8	┢
Peanut seeds and pods, Ragweed Rattlepods, Starburr	Entire land	00							
St John's Wort, Opium Poppy  Type 3a Bathurst Burr, Bellvine, Branched Broomrape,	Entire load	S2	Nil	Nil	Nil	Nil	Nil	Nil	
Bulls Head / Caltrop / Cats Heads, Cape Tulip, Cottonseed, Dodder, Noogoora Burr, Thornapple	Seeds in total per 1/2 litre	3a	2	2	2	2	2	2	
•	Seeds in total per 1/2 little	Ja	2					2	t
Type 3b Vetch Tare, Vetch (Commercial)	Seeds in total per 1/2 litre	3b	4	4	4	4	4	10	
Type 3c Blue Heliotrope, Common Heliotrope. Included in this type are tolerances for Seeds and Pods	Seeds in total per 1/2 litre	3c	1Pod/ 4 Seeds	1Pod/ 4 Seeds	1Pod/ 4 Seeds	1Pod/ 4 Seeds	1Pod/ 4 Seeds	1Pod/ 4 Seeds	4
Type 3d Double Gee / Spiny Emex / Three Corner Jack,	Seeds in total per 1/2 litre	3d	1	1	1	1	1	1	_
Type 4 Field Bindweed, Cutleaf Mignonette Seeds, Darnel (Drake Seed),  **Hexham Scent/ Melilot (King Island), Hoary Cress, Paddy Melon,									
Variegated Thistle, Nightshades, Skeleton Weed, Mintweed									
** Hexham Scent is only acceptable if no tainting odour is present  Type 5 Creeping Knapweed / Russian Knapweed,	Seeds in total per 1/2 litre	S4	20	20	20	20	20	20	┢
Sesbania Pea, Pattersons Curse / Salvation Jane	Seeds in total per 1/2 litre	S5	40	40	40	40	40	40	
Type 6 Columbus Grass, Johnson Grass,	Seeds in total per 1/2 litre	S6	Nil	Nil	Nil	Nil	40	40	
Type 7a Broad Bean, Chickpea, Corn (Maize), Cowpea, Faba Bean, Medic Pod,									
Lentil, Lupin, Safflower, Soybean, Pea (Field),Sunflower, Clover Pod and any other seed or pod greater than 5 mm in diameter	Seeds in total per 1/2 litre	7a	1	1	1	1	10	20	
Type 7b 6 Row Barley (white), Australian Bindweed, Brome Grass, Black Bindweed, Cereal Rye, Durum, Red / Spring Feed Wheat,									
Onion Weed, Sorghum (grain), Triticale, Turnip Weed,									
Muskweed, Phalaris Glumes, Poverty Weed, Ryegrass on Stalk, Sheep Weed, Three Horned Bedstraw									
and any other foreign seeds not specified in types 1-7	Seeds in total per 1/2 litre	7b	50	50	50	50	150	300	
Small Foreign Seeds not specified in Types 1-7b Below 2.2mm Agtator Screen  All Foreign Seed Pods not listed above such as those that are 5mm or less in diamete	Max % by Weight er are included as Foreign Material, when the state of	SS nether w	0.6 hole pods o	0.6 r part thered	0.6 of.	0.6	1.2	2.0	
Other Contaminants	Max (count per 1/2								
Pickling Compounds	Entire Load	PI	Nil	Nil	Nil	Nil	Nil	Nil	
Chemical Residues  Ryegrass Ergot - Total Length of all pieces laid end to end	Entire Load  Length in cm per 1/2 litre	CR RE	<b>Nil</b> 0.5	<b>Nil</b> 0.5	<b>Nil</b> 0.5	<b>Nil</b> 0.5	<b>Nil</b> 0.5	<b>Nil</b> 0.5	
Cereal Smut	Entire Load	SM	Nil	Nil	Nil	Nil	Nil	Nil	
Loose Smut Cereal Ergot	Max Grams per 1/2 litre  Entire Load	LS	0.1 <b>Nil</b>	0.1 <b>Nil</b>	0.1 <b>Nil</b>	0.1 <b>Nil</b>	0.1 <b>Nil</b>	0.1 <b>Nil</b>	
Stored Grain Insects & Pea Weevil - Live	Entire Load	LGI	Nil	Nil	Nil	Nil	Nil	Nil	
Field Insects - Large Live or Dead Includes dead stored grain insects	Max Count per 1/2 litre	LI	3	3	3	3	3	3	
Field Insects - Small - Live or Dead - Includes dead stored grain insects Snails Round/Conicle - Live or Dead	Max Count per 1/2 litre  Max Count per 1/2 litre	SI	10	10	10	10 2	10	10	
Sand Max	Max Count per 1/2 litre	ES	50	50	50	50	50	50	
Earth Max - Max 5mm in Diameter Stones Max (weight in grams)	Max Count per 1/2 litre  Max Weight per 2.5 litres	EA SE	3 4.0 grams	3 4.0 grams	3 4.0 grams	3 4.0 grams	3 4.0 grams	3 4.0 grams	4.0
Foreign Material	Max % by Weight	OF	1.0	1.0	1.0	1.0	1.0	1.0	
Objectionable Material (entire load) Sticks	Entire Load  A Stick is defined as ligneous mate	rial grea	Nil ter than1cm	Nil in length a	Nil n 0.5cm in d	Nil liameter	Nil	Nil	Nil
	Note: Stubble greater than 3cm in length and 1 cm in diameter is defined as a stick								
Odour or Tainting agents	Smaller material is defined as Othe Any commercially unacceptable od			sour or mus	ty odour imr	parted on the	e Barley tha	it is not con	side
	natural which may of may not be ph	nysically					-		
Restricted Animal Material	plant parts and seed of Eucalyptus  Presence of meat meal, bone meal		meal, poultry	/ offal meal	or any other	animal pro	tiens		
	Restricted material also includes ca Foreign material such as animal ex					mice			_