

Sampling Guidelines

1) A minimum of 3 probes (litres) must be taken from every load tendered for delivery, plus an additional (probe) litre for every 10 tonnes in the load.

Name	CSO 1 Canola Standard	CSO 1-a Non-GM Canola Standard
PHYSICAL & CHEMICAL PARAMETERS - Canola is defined as seed of the species <i>Brassica napus</i> or <i>Brassica rapa</i> but containing less than 30 micromoles of specified glucosinolates per g of oil-free air-dry solids and not more than 2% erucic acid in the oil component, as a proportion of the total fatty acids content. The specified glucosinolates are any one or a mixture of 3-butenyl, 4-pentenyl, 2-hydroxy-3-butenyl and 2-hydroxy-4-pentenyl glucosinolates. For CSO 1-a, the low level presence of up to 0.9% of GM events approved by the Australian Government Office of the Gene Technology Regulator is permitted.		
Accepted Varieties. Approved canola varieties as listed in these Standards or on the AOF website.	As per Masterlist	As per Masterlist
Oil (%)	42.0 base level	42.0 base level
Free Fatty Acid (%)	1.0 base level	1.0 base level
Moisture Max (%)	8.0	8.0
Test Weight Min (kg/hl)	62.0	62.0
Protein	Unlimited	Unlimited
Seed Retention	Unlimited	Unlimited
Germination	Unlimited	Unlimited
DEFECTIVE CANOLA - Maximum % by count unless otherwise stated based on a 1,000 seed sample retained above 1.0mm round hole screen		
Broken or Split (%). Includes Insect Damaged	7.0	7.0
Heat Damaged (per 1,000 seeds). Assessed on crushed seeds	1	1
Discoloured Seed Coat (%). Assessed on seed before crushing. This includes, but is not limited to, seeds affected by Mould and Field Fungi.	3.0	3.0
Damaged (%). Includes Diseased, Weather Damaged and Otherwise Materially Damaged. Frost Damaged seeds are not included in Damaged (refer Impurities)	3.0	3.0
Sprouted (%).	5.0	5.0
Green (%). Alternatively, determine as Chlorophyll, with a maximum of 12ppm and rejectable over	2.0	2.0
CONTAMINANTS - Maximum count per half litre unless otherwise stated, rejectable over unless deductions are stated as applying		
Impurities (% wt/wt). All Foreign Material. This includes canola and all other material falling through the 1.0mm round hole screen. Includes Frost Damaged canola seeds.	3.0	3.0
Snails/Stones. Tolerance of 1 per 2.5 litre sample for any Snails/Stones remaining above a 3.0 mm round hole screen. If one Snail/Stone is found above the screen in the ½ litre sample, then a further four ½ litre samples should be taken. If a Snail/Stone is found in any one of the subsequent samples, the load is to be rejected. For stones a maximum weight of 4.0g applies.	1 Snail/Stone above 3.0mm screen / 2.5L	1 Snail/Stone above 3.0mm screen / 2.5L
Snails/Stones. Tolerance of 1 Snail/Stone per ½ litre sample, passing through a 3.0 mm round hole screen.	1 Snail/Stone below 3.0mm screen/0.5L	1 Snail/Stone below 3.0mm screen/0.5L
Insects - Large (Live and/or Dead). Includes Rutherglen bugs, ladybirds, grasshoppers, wood bugs, sitona weevils, earwigs, millipedes, vegetable bugs and pea weevil (dead only).	10	10
Insects - Small (Live and/or Dead). Includes all species of aphid, all species of mites and stored product insects (dead only).	100	100
Ryegrass Ergot (length in cm). Maximum length of all pieces aligned end on end.	0.5	0.5
Sclerotes (% by wt). Canola Sclerotes.	0.5	0.5
Sand/Soil (% by wt)	0.1	0.1
Gumnuts (count per 2.5L). Whole or pieces of any size.	1	1
Objectionable Material (entire load). Commercially unacceptable material such as, but not limited to, harmful substances including live stored product insects, live pea weevil, glass, metal, specified weed seeds in excess of the limit prescribed in any of the State Stockfeed Regulations lists of permitted weed seeds, chemicals not approved for canola, musty seed and other material imparting an odour to the canola, tainting agents, animal material, fertiliser, sticks/stubble and pickled seed.	Nil	Nil
SEED CONTAMINANTS - maximum tolerance by count per half litre to apply to individual seeds		
Type A (entire load). Alligator Weed, Cape Tulips, Castor Oil Plant, Coriander, Creeping Knapweed, Darling Pea, Dodder, Giant Sensitive Plant, Opium Poppy, Parthenium Weed, Ragweed, Rattlepod, Star Burr, Stinkwort, St. Johns Wort	Nil	Nil
Type B. Burrs (<i>Xanthium</i> spp.) - all except where otherwise stated, Saffron Thistle, Wild Mignonette	1	1
Type C. Crow Garlic, Skeleton Weed, Thornapple	2	2
Type D. Common Heliotrope, Darnel, Hexham Scent, Jute, Mexican Poppy, Mintweed, Nightshade	3	3
Type E. Sesbania Pea	65	65