Section 1 AOF 1-1 Table 2: Non-GM Canola Standard

Commodity : CANOLA		**Standard Reference No: CSO 1-a**
Parameter	**Specification**	**Comment/Price Adjustment**
Physical & Chemical Parameters		
Description		Canola is defined as seed of the species *Brassica napus* or *Brassica campestris* 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. The adventitious presence of up to 0.9% of GM events approved by the Australian Government Office of the Gene Technology Regulator is permitted
Oil	42% base level	1.5% premium or deduction for each 1% above or below 42%
Free Fatty Acid	1% base level	2% deduction for each 1% over the base level, rejectable over 2.5%
Moisture	8% maximum	Immediate processing - if accepted over the maximum, 2% deduction for each 1% over maximum For storage - if accepted over the maximum, 1.5% deduction for each 1% over maximum plus a drying charge
Test Weight	62 kg/hl minimum	Rejectable under this limit
Protein	n/a	
Seed Retention	n/a	
Germination	n/a	
Defective Canola (Maximum % wt/wt based on cleaned half litre sample retained above 1.0mm round hole sieve)		
Broken or Split	7% maximum	0.5% deduction for each 1% over the maximum
Total Defective, including:	10% maximum	0.5% deduction for each 1% over the maximum
Damaged	3% maximum	0.5% deduction for each 1% over the maximum, rejectable over 10%
Sprouted	5% maximum	0.5% deduction for each 1% over the maximum
Green	2% maximum	No penalty up to a maximum of 2%, rejectable over 2% using the ruler method. Alternatively, determine as chlorophyll, with a maximum of 12ppm and rejectable over.
Contaminants (Maximum per half litre unless otherwise stated, rejectable over unless deductions are stated as applying)		
Impurities	3% maximum	Is all material falling through the 1.0mm round hole screen. 1% deduction for each 1% of impurities up to 4%, 2% deduction for each 1% of impurities over 4%.
Snails/Stones	Nil above screen	Nil tolerance 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.
	1 stone/snail per ½ litre below screen	Tolerance of 1 stone/snail per ½ litre sample, passing through a 3.0 mm round hole screen.
Field Insects	10 large per ½ litre	Includes Rutherglen bugs, ladybirds, grasshoppers and wood bugs
	100 small per ½ litre	Includes all species of aphid and all species of mites
Ryegrass Ergot	0.5cm maximum	Maximum of all pieces aligned end on end
Objectionable Material	nil	Harmful substances include live or dead stored grain product insects, live or dead 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, the presence of pre or post-harvest chemicals not registered for use, used in excess of permitted levels or with residues in excess of their permitted levels, smut, material imparting an odour to the grain, sand, earth, sticks and pickled grain. Includes Degraded seed such as smutty seed, hot seed, musty seed, sour seed, mouldy seed.
Seed Contaminants (maximum tolerance per half litre to apply to individual seeds, rejectable over)		
Type A	nil	Alligator Weed, Cape Tulips, Castor Oil Plant, Coriander, Creeping Knapweed, Darling Pea, Dodder, Giant Sensitive Plant, Opium Poppy, Parthenium Weed, Ragweed, Rattlepod, Saffron Thistle, Star Burr, Stinkwort, St. Johns Wort
Type B	1	Burrs (Xanthium spp.) – all except where otherwise stated, Wild Mignonette
Type C	2	Crow Garlic, Skeleton Weed, Thornapple
Type D	3	Common Heliotrope, Darnel, Hexham Scent, Jute, Mexican Poppy, Mintweed, Nightshade
Type E	65	Sesbania Pea