

Other Descriptions

Some Member States have specific foreign language descriptions for various products, which they expect to be used otherwise the products may be rejected at the border. The operator is responsible for determining, and complying with, the foreign language descriptions subject to the requirements of Part 3.

Processors may use their head office name and address on packaging. The premises registration number is provided by the carton seal and/or the label. The term 'packed by', if used, is reserved for the premises details and not the head office.

1.11 Potable Water

- 1.11.1 Operators processing food for export to the European Union must monitor the water supply at the processing premises against the parameters contained in this clause. However any parameter values contained in any New Zealand standard to which the operator is subject and which are stricter than those contained in this clause have precedence.
- 1.11.2 Despite the previous clause:
- (a) Testing of the parameters in Table 1C is not required at premises where the products are packaged at all times. The water supply must be acceptable to the local authority responsible for drinking water quality.
 - (b) These requirements do not apply to:
 - (i) animal material depots
 - (ii) honey premises
 - (iii) fishing industry premises and vessels
 - (c) In the case of honey premises the Drinking-Water Standards for New Zealand apply.
 - (d) In the case of fishing industry premises and vessels the requirements of IAIS 003.1 apply.
- 1.11.3 Unless otherwise stated, the general procedures and corrective actions that result from the implementation and operation of this notice must be those specified in the current edition of the "Drinking-Water Standards for New Zealand" (DWSNZ), published by the Ministry of Health and available at <http://www.moh.govt.nz>
- 1.11.4 Where the "Drinking-Water Standards for New Zealand" requires the operator to notify results and corrective measures to the Medical Officer of Health, a parallel notification must be made to the official assurance verifier.
- 1.11.5 Testing of samples for routine chlorine, pH, colour, odour, taste or turbidity measurements, may be undertaken in laboratories that are not approved in accordance with subpart 1.5.
- 1.11.6 Water must meet the required criteria at all times at the point-of-use. The sampling points, at point-of-use, and times for sampling should be selected at random except where it can reasonably be expected that the parametric values will predictably fluctuate over time under known conditions. Where this is the case sampling must include samples designed to target worst-case conditions eg: for a surface water source likely to show fluctuations associated with environmental conditions, sampling must include worst case environmental conditions.
- 1.11.7 Operators may use the test results obtained by external water treatment suppliers in lieu of the operators' own point-of-use testing. In this case:

- (a) The results are restricted to the parameters in Table 1C which are marked with an asterisk
- (b) The water sample taken by the external water treatment supplier must be taken post-treatment.
- (c) The water must not be further treated before use by the operator except for chlorination.
- (d) The operator must provide the Verification Agency with a copy of the test results.
- (e) The water sample by the external water treatment supplier must be taken within a defined period either side of when the operators sample was due to be taken. The defined period must not exceed 50% of the interval between tests as determined by Table 1A and taking account of any reduction permitted under clause 1.11.11.

If the operator carries out 4 audit monitoring samples per year, the interval between tests is 12 weeks. External samples taken up to 6 weeks either side of the due date of the operator's sample are considered to be valid.

1.11.8 Where pesticide levels exceed the criteria, the Verification Agency must refer the data to the NZFSA residues manager who will determine whether or not additional controls are necessary.

1.11.9 Check monitoring and audit monitoring must be done.

Each audit monitoring includes the components of check monitoring and therefore counts toward to the total check monitoring samples required for the year.

1.11.10 Operators must take samples at the frequencies given in Table 1A and in accordance with the daily water usage. The daily volume is either the actual use per day or the average over one year. Where the operating period is less than one year then the year is replaced by the operating period. Where the daily water use varies substantially during the operating period then the highest daily volume must be selected unless distinct operating periods of consistent water use for at least 3 months can be identified.

1.11.11 The official assurance verifier may permit a reduction, per parameter, of no more than 50% of check monitoring samples per year if the values of the results obtained from samples taken during a period of at least two years are constant and significantly better than the limits laid down in this clause and no factor is likely to cause a deterioration of the quality of the water.

Table 1A Sampling Frequencies

Daily Water Usage (m ³)	Check Monitoring (samples/year)	Audit Monitoring (samples/year)
=< 100	2	1/2 years
> 100 =< 1,000	4	1
> 1,000 =< 10,000	4 + 3 for each 1,000m ³ /d and part thereof of the total volume	1 + 1 for each 3,300m ³ /d and part thereof of the total volume

>10,000 =< 100,000		3 + 1 for each 10,000m ³ /d and part thereof of the total volume
>100,000		10 + 1 for each 25,000m ³ /d and part thereof of the total volume

1.11.12 Check monitoring samples must be tested for the parameters in Table 1B

Table 1B Check Monitoring Parameters

Parameter	Value	Notes
Microbiological Parameters		
E.coli	0/100 ml	
Enterococci	0/100 ml	
Chemical Parameters		
Nitrite	0.5 mg/l	Necessary only when chloramination is used as a disinfectant
Indicator Parameters		
Aluminium	200 µg/l	Necessary only when used as a flocculant
Ammonium	0.5 mg/l	
Colour	aesthetic	Aesthetically acceptable
Conductivity	275 mS/m at 25°C	Equivalent to 2,500 µS/cm at 20°C
Clostridium perfringens (including spores)	0/100 ml	Necessary only if the water originates from or is influenced by surface water
Hydrogen ion concentration	pH 6.5-9.5	Hydrogen ion concentration is measured as the negative log, i.e. pH
Iron	200 µg/l	Necessary only when used as a flocculant
Odour	aesthetic	Aesthetically acceptable
Taste	aesthetic	Aesthetically acceptable
Coliform bacteria	0/100 ml	
Turbidity	aesthetic	Aesthetically acceptable

1.11.13 Where the 'Microbiological Parameters' in Table 1B exceed the permitted values, the operator must:

- (a) not despatch from the premises any product processed since the last clear microbiological test until approval is given by the Director (Animal Products). This requirement does not apply to product which was packaged when received onto the premises and has remained so since that time.

- (b) provide the Director (Animal Products) will all relevant documentation regarding the sampling, testing, investigation of the problem and corrective action that was taken

In the case of clause 1.11.13(a), and where the premises do not have sufficient storage capacity, the official assurance verifier may permit the product to be sent to another premises under NZFSA-secured transport and for NZFSA-secured storage.

- 1.11.14 Audit monitoring samples must be tested for the parameters in Table 1B plus the parameters in Table 1C:

Table 1C Audit Monitoring Parameters

Parameter	Value	Notes
Indicator Parameters		
Chloride	250 mg/l	
Manganese	50 µg/l	
Oxidisability	5 mg/l O ₂	Unnecessary if TOC done
Sulphate	250 mg/l	
Sodium	200 mg/l	
Colony count 22°C	No abnormal change	
Total organic carbon (TOC)	No abnormal change	Unnecessary for supplies less than 10,000 m ³ /d
Radioactivity		No testing required at this time
Chemical Parameters		
Acrylamide	0.1 µg/l	
Aluminium	200 µg/l	
Antimony	5 µg/l	
Arsenic*	10 µg/l	
Benzene*	1 µg/l	
Benzo(a)pyrene	0.01 µg/l	
Boron*	1 mg/l	
Bromate*	25 µg/l	
Cadmium	5 µg/l	
Chromium	50 µg/l	
Copper	2 mg/l	
Cyanide*	50 µg/l	
1,2-dichloroethane*	3 µg/l	
Fluoride*	1.5 mg/l	
Iron	200 µg/l	
Lead	10 µg/l	
Mercury*	1 µg/l	

Nickel	20 µg/l	
Nitrate*	50 mg/l	
Nitrite*	0.5 mg/l	
Pesticides*	Table 1D	<p>Pesticides include insecticides, herbicides, fungicides, nematocides, acaricides, algicides, rodenticides, slimicides, related products and their relevant metabolites, degradation and reaction products.</p> <p>The sampling frequencies in Table 1A do not apply. Each pesticide in Table 1D must be tested at least once every 5 years.</p>
Pesticides – Total*	0.5 µg/l	
Polycyclic aromatic hydrocarbons	0.1 µg/l	The sum of concentration of Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(ghi)perylene, Indeno(1,2,3-cd)pyrene
Selenium*	10 µg/l	
Tetrachoroethane* and trichloroethane*	10 µg/l	Sum of concentrations
Vinyl chloride	0.5 µg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water
Epichlorohydrin	0.1 µg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water
Trihalomethanes – Total	150 µg/l	Sum of concentrations of chloroform, bromoform, dibromochloromethane, bromodichloromethane

Table 1D Pesticide Parameters

Parameter	Value	Parameter	Value
1080	0.0035 mg/l	endrin	0.0007 mg/l
1,2-dibromo-3-chloropropane	0.001 mg/l	fenoprop	0.01 mg/l
1,2-dibromoethane	0.0004 mg/l	heptachlor and heptachlor epoxide	0.00004 mg/l
1,2-dichloropropane	0.05 mg/l	hexachlorobenzene	0.001 mg/l
1,3-dichloropropene, cis	0.02 mg/l	hexazinone	0.4 mg/l
1,3-dichloropropene, trans	0.02 mg/l	lindane	0.002 mg/l
2,4,5-T	0.01 mg/l	MCPA	0.002 mg/l
2,4-D	0.04 mg/l	mecoprop	0.01 mg/l
2,4-DB	0.1 mg/l	metalaxyl	0.1 mg/l
Alachlor	0.02 mg/l	methoxychlor	0.02 mg/l
aldrin + dieldrin	0.00003 mg/l	metolachlor	0.01 mg/l
Atrazine	0.002 mg/l	metribuzin	0.07 mg/l
azinphos methyl	0.004 mg/l	oryzalin	0.4 mg/l
Bentazone	0.4 mg/l	oxadiazon	0.2 mg/l
Bromacil	0.4 mg/l	pendimethalin	0.02 mg/l
Carbofuran	0.008 mg/l	pentachlorophenol	0.01 mg/l
Chlordane	0.0002 mg/l	permethrin	0.02 mg/l
Chlorpyrifos	0.04 mg/l	picloram	0.2 mg/l
Chlortoluron	0.04 mg/l	pirimiphos methyl	0.1 mg/l
Cyanazine	0.0007 mg/l	procymidone	0.7 mg/l
DDT + isomers	0.001 mg/l	simazine	0.02 mg/l
Diazinon	0.01 mg/l	terbuthylazine	0.008 mg/l
Dichlorprop	0.1 mg/l	thiabendazole	0.4 mg/l
Dimethoate	0.007 mg/l	triclopyr	0.1 mg/l
Diquat	0.01 mg/l	trifluralin	0.03 mg/l
Diuron	0.02 mg/l		