



JOINT FAO/WHO FOOD STANDARDS PROGRAMME
CODEX COMMITTEE ON METHODS OF ANALYSIS AND SAMPLING

Thirty-fourth Session

Budapest, Hungary, 4 - 8 March 2013

COMMENTS OF NORWAY AND NMKL

Suggestions for consideration at CCMAS on the request from CCFFP regarding providing recommendation on sampling plans for standards prepared by CCFFP

CCFFP has requested CCMAS to provide guidance regarding sampling plans for the following draft standards:

- *Draft Standard for Live Abalone and For Raw, Fresh Chilled or Frozen Abalone for Direct Consumption or for Further Processing (REP13/FFP Appendix IV)*
- *Draft Standard for Smoked Fish, Smoke-Flavoured Fish and Smoked-Dried Fish (REP13/FFP Appendix III)*
- *Draft Standard for raw, fresh and quick Frozen scallop products (REP13/FFP Appendix IX)*

The following sampling plans could be considered recommended for CCFFP for the standards:

1) *Draft Standard for Live Abalone and For Raw, Fresh Chilled or Frozen Abalone for Direct Consumption or for Further Processing*

II-8.1 **Sampling**

II-8.2 **Sensory and Physical Examination**

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10 using AQL 6,5%.

Comments: Qualitative measures (defect/not defect) are assumed. For information about the probability of lot acceptance at AQL 6,5%, see Table 13 and Figure 8.

II-8.3 **Determination of net weight**

Suggestion: Sampling plans by variables with unknown standard deviation (s-method), CAC/GL 50 section 4.3, Table 14.

Comments: The mean value is measured, a quantitative measure, and therefore sampling plans by variables are appropriate.

II-8.4 **Determination of Count per Unit Weight or Volume**

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10 using AQL 6,5%.

Comments: Qualitative measures (complying/not complying) are assumed. For information about the probability of lot acceptance at AQL 6,5%, see Table 13 and Figure 8.

II-8.6 **Determination of Biotoxins**

Suggestion: Attribute sampling plans used within microbiology, 2-class sampling plan, CAC/GL 50, Section 3.2, Table 8, c= 0 (moderate direct health hazard of potentially extensive spread in food).

Comments: The current standard refers to Standard 292-2008 (Bivalve Molluscs) which refers to CAC/GL 21 – 1997 and the use of microbiological criteria (2 and 3 class sampling plans) for monitoring algae and its toxins.

2) *Standard for Smoked Fish, Smoke-Flavoured Fish and Smoked-Dried Fish*

8.2 **Sensory and Physical Examination**

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10, using AQL 6,5%.

Comments: Qualitative measures (defect/not defect) are assumed. For information about the probability of lot acceptance at AQL 6,5%, see Table 13 and Figure 8.

8.3 Histamine

Suggestion: 3-class sampling plan according to ICMSF Microbiological Criteria, CAC/GL 50, Section 3.2, Table 8 (Moderate direct health hazard).

Comments: EU regulation n=9, c=2

8.4 Determination of net weight

Suggestion: Sampling plans by variables with unknown standard deviation (s-method), CAC/GL 50 section 4.3, Table 14.

Comments: The mean value is measured, a quantitative measure, and therefore sampling plans by variables are appropriate.

8.6 Determination of *Listeria monocytogenes* and *Clostridium botulinum*.

Sampling plan according to ICMSF, see CAC/GL 50, Section 3.2, Table 8 (2-class sampling plan – severe direct health hazard, c = 0.)

8.7 Determination of Parasites

Suggestion: 3-class sampling plan, CAC/GL 50, Section 3.2, Table 8.

Comments: In the standard for Smoked fish reference is made to Codex Stan 244-2004 (for salted herring). According to 7.1 (iii) the sampling (for protozoa and helminths) should be in accordance with CAC/GL 31-1999, i.e. sampling plan according to ICMSF (= CAC/GL 50, section 3.2, table 8)

3) Standard for raw, fresh and quick Frozen scallop products (Appendix IX)

8.2 Sensory and Physical Examination

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10 using AQL 6,5%.

Comments: Qualitative measures (defect/not defect) are assumed. For information about the probability of lot acceptance at AQL 6,5%, see Table 13 and Figure 8.

8.3 Determination of pieces and count

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10 using AQL 6,5%.

Comments: Qualitative measures (defect/not defect) are assumed. For information about the probability of lot acceptance at AQL 6,5%, see Table 13 and Figure 8.

8.4 Determination of net weight

Suggestion: Sampling plans by variables with unknown standard deviation (s-method), CAC/GL 50 Section 4.3, Table 14.

Comments: The mean value is measured, and hence it is a quantitative measure and therefore sampling plans by variables are appropriate.

8.5 Determination of Parasites

Suggestion: 3-class sampling plan, CAC/GL 50, Section 3.2, Table 8.

Comments: In the standard for Smoked fish reference is made to Codex Stan 244-2004 (for salted herring). According to 7.1 (iii) the sampling (for protozoa and helminths) should be in accordance with CAC/GL 31-1999, i.e. sampling plan according to ICMSF (= CAC/GL 50, section 3.2, table 8)

8.6 Determination of the presence of viscera

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10 using AQL 6,5%.

Determination of added water

Suggestion: Attribute sampling plan, CAC/GL 50, Section 4.2, Table 10 using AQL 6,5%.

Comments: Qualitative measures (complying/not complying) are assumed. For information about the probability of lot acceptance at AQL 6,5%, see Table 13 and Figure 8.