

Appendix XII

PROPOSED REVISION TO THE STANDARD FOR FOOD GRADE SALT (CXS 150-1985)

(For adoption)

Proposed new texts are highlighted in **bold/underlined**.

Section	Current text	Proposed new text
7.2	Labelling of non-retail containers Information for non-retail containers shall either be given on the container or in accompanying documents, except that the name of the product, lot identification and name and address of the manufacturer or packer shall appear on the container. However, lot identification and the name and address of the manufacturer or packer may be replaced by an identification mark, provided that such mark is clearly identifiable with the accompanying documents.	<u>The labelling of non-retail containers should be in accordance with the General standard for the labelling of non-retail containers of foods (CXS 346-2021).</u>
9.2 - 9.13	DETERMINATION OF SODIUM CHLORIDE CONTENT This method allows the calculation of sodium chloride content, as provided for in Section 3.1, on the basis of the results of the determinations of sulphate (Method 9.4), calcium and magnesium (Method 9.5), potassium (Method 9.6) and loss on drying (Method 9.7). Convert sulphate to CaSO_4 and unused calcium to CaCl_2, unless sulphate in sample exceeds the amount necessary to combine with calcium, in which case convert calcium to CaSO_4 and unused sulphate first to MgSO_4 and any remaining sulphate to Na_2SO_4. Convert unused magnesium to MgCl_2. Convert potassium to KCl. Convert unused halogens to NaCl. Report the NaCl content on a dry matter basis, multiplying the percentage NaCl by $100/100\text{-P}$, where P is the percentage loss on drying. 9.3 DETERMINATION OF INSOLUBLE MATTER According to ISO 2479-1972 "Determination of matter insoluble in water or in acid and preparation of principal solutions for other determinations". 9.4 DETERMINATION OF SULPHATE CONTENT According to ISO 2480-1972 "Determination of sulphate content - barium sulphate gravimetric method". Alternatively, EuSalt/AS 015-2007 "Determination of Elements Emission Spectrometric Method (ICP-OES)" or EuSalt/ AS 018-2005 "Determination of Anions High Performance Ion Chromatography (HPIC) may be used." 9.5 DETERMINATION OF CALCIUM AND MAGNESIUM CONTENTS According to ISO 2482-1973 "Determination of calcium and magnesium contents - EDTA complexometric methods". Alternatively, EuSalt/AS 009-2005 "Determination of Calcium and Magnesium Flame Atomic Absorption Spectrometric Method" or EuSalt/ AS 015-2007 "Determination of Elements Emission Spectrometric Method (ICP-OES) may be used. 9.6 DETERMINATION OF POTASSIUM CONTENT According to EuSalt/AS 008-2005 "Determination of potassium by flame atomic absorption spectrophotometric method". Alternatively EuSalt/ AS 015-2007 "Determination of Elements Emission Spectrometric Method (ICP-OES) may be used.	<u>9.2 For checking the compliance with this standard, the methods of analysis and sampling contained in the Recommended methods of analysis and sampling (CXS 234-1999) relevant to the provisions in this standard, shall be used.</u>

9.7 DETERMINATION OF THE LOSS ON DRYING (CONVENTIONAL MOISTURE)

According to ISO 2483-1973 "Determination of the loss of mass at 110 °C".

9.8 DETERMINATION OF COPPER CONTENT

According to EuSalt/AS 015-2007 "Determination of Elements Emission Spectrometric Method" (ICP-OES).

9.9 DETERMINATION OF ARSENIC CONTENT

According to EuSalt/AS 015-2007 "Determination of Elements Emission Spectrometric Method" (ICP-OES) may be used.

9.10 DETERMINATION OF MERCURY CONTENT

According to method EuSalt/AS 012-2005 "Determination of total mercury content - cold vapour atomic absorption spectrometric method" or EuSalt/AS 015-2007 "Determination of Elements Emission Spectrometric Method (ICP-OES).

9.11 DETERMINATION OF LEAD CONTENT

According to method EuSalt/AS 013-2005 "Determination of total lead content - flame atomic absorption spectrometric method". Alternatively, EuSalt/AS 015-2007 "Determination of Elements Emission Spectrometric Method (ICP-OES) may be used.

9.12 DETERMINATION OF CADMIUM CONTENT

According to method EuSalt/AS 014-2005 "Determination of total cadmium content - flame atomic absorption spectrometric method". Alternatively, EuSalt/AS 015-2007 "Determination of Elements Emission Spectrometric Method (ICP-OES) may be used.

9.13 DETERMINATION OF IODINE CONTENT

According to method EuSalt/AS 002-2005 "Determination of total iodine content - titrimetric method using sodium thiosulfate". Alternatively the method from WHO/UNICEF/ICCIDD "Assessment of iodine deficiency disorders and monitoring their elimination. A guide for programme managers. Third edition, Annex 1: Titration method for determining salt iodate and salt iodine content. World Health Organization, Geneva, 2007" or EuSalt/AS 019-2009 "Determination of Total Bromine and Iodine Emission Spectrometric Method (ICP-OES)" may be used.