

## **Appendix 3A SM GOTHIA TEK Report “Swedish snus according to the Gothiatek® standard: methods for manufacturing and chemical analysis” Section 7 References**

Will be provided upon request:

1. CORESTA Recommended Method No 72, “Determination of Tobacco Specific Nitrosamines in Smokeless Tobacco Products by Liquid Chromatography - Tandem Mass Spectrometry”
2. Weijia Wu, David L. Ashley, and Clifford H. Watson. Simultaneous Determination of Five Tobacco-Specific Nitrosamines in Mainstream Cigarette Smoke by Isotope Dilution Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry. *Anal. Chem.* 2003, 75, 4827 - 4832.
3. Karl A. Wagner, Nancy H. Finkel, J. Eric Fossett, and I. Gene Gillman. Development of a Quantitative Method for the Analysis of Tobacco-Specific Nitrosamines in Mainstream Cigarette Smoke Using Isotope Dilution Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry. *Anal. Chem.* 2005, 77, 1001 - 1006
4. Committee Draft IS/CD 22303, Reference number ISO/TC 126/SC, N800, Tobacco – Determination of tobacco-specific nitrosamines – Method using buffer extraction, 09/13/2005.
5. Nitrate plus Nitrite Nitrogen and Nitrite Nitrogen in Soil and Plant Extracts by Segmented Flow Analysis (SFA); OI Analytical Publication 15300301.
6. Determination of Nitrate and Nitrite Nitrogen in Soil and Plant Extracts using the Flow Solution IV; OI Analytical Application Note 17720402.
7. Nitrate+Nitrite Nitrogen in Soil Extracts; Perstorp Analytical 2/94
8. WinFLOW V4 Operators Manual. Rev 1.1 – April 1999.
9. Determination of nitrate in tobacco by continuous flow analysis; Coresta Recommended Method No 36 (November 1994).
10. Determination of nitrite nitrogen and nitrate nitrogen and the sum of both by flow analysis and spectrometric detection; ISO standard 13395 (1996-07-15).
11. Analysis of Nitrosamines in Wastewater: Exploring the Trace Level Quantification Capabilities of a Hybrid Linear Ion Trap/Orbitrap Mass Spectrometer. Martin Krauss and Juliane Hollender. *Anal. Chem.* 2008, 80, 834-842.
12. Eurofins “Analys av metaller i livsmedel (Våtuppslutning i mikrovågsugn) LidMet.0A.04.01”.
13. Extension of working range in Zeeman graphite furnace atomic absorption spectrometry by nonlinear calibration with prior correction for stray light. Robert F. Lonardo et al. *Spectrochimica Acta Part B* 51 (1996) 1309-1323.
14. NMKL-metod Nr. 161 1998, ”Metaller. Bestämning i livsmedel med atomabsorptionspektrofotometri efter våtuppslutning i mikrovågsugn”.
15. ISO 15586: 2003 Water quality -- Determination of trace elements using atomic absorption spectrometry with graphite furnace.

16. Quantification of Ochratoxin A in foods by stable isotope dilution assay using high-performance liquid chromatography-tandem mass spectrometry. Michael Lindenmeier, Peter Schieberle, Michael Rychlik. *J. Chromatogr. A.* 1023 (2004), 57-66.
17. Simultaneous Immunoaffinity Column Cleanup and HPLC Analysis of Aflatoxins and Ochratoxin A in Spanish Bee Pollen. Rafael J. Garcia-Villanova, Carlos Cordon, Ana M. Gonzales Paramas, Aparicio, and M. Eugenia Garcia Rosales. *J. Agric. Food Chem.* 52 (2004), 7235-7239.
18. Use of Isotope-Labeled Aflatoxins for LC-MS/MS Stable Isotope Dilution Analysis of Foods. Christian Cervino, Stefan Asam, Dietmar Knopp, Michael Rychlik, and Reinhard Niessner. *J. Agric. Food Chem.* 56 (2008), 1873–1879
19. C.H. Risner. The determination of benzo(a)pyrene in the total particulate matter of cigarette smoke. *J. Chrom. Sci.* 26 (1988) 113-120.
20. C.H. Risner. The determination of benzo(a)pyrene and benz(a)anthracene in mainstream and sidestream smoke of the Kentucky reference cigarette 1R4F and a cigarette which heats but does not burn tobacco: a comparison. *Beitr. Tabakforsch. Inter.* 15 (1991) 11-17.
21. CORESTA Recommended Method No 57, Determination of Water in Tobacco and Tobacco Products by Gas Chromatographic Analysis.
22. ISO 16632: 2003 (E), Tobacco and Tobacco Products – Determination of Water Content – Gas-chromatographic method.
23. Federal Register/ vol.74, no. 4/712-719/Wednesday, January 7, 2009/Notices "Total moisture determination"
24. Federal Register, Vol. 74, No 4, s.712-719 Wednesday, January 7, 2009
25. CORESTA Recommended Method No 69, Determination of pH in Smokeless Tobacco Products.
26. CORESTA Recommended Method No 62, Determination of Nicotine in Tobacco and Tobacco Products by Gas Chromatographic Analysis
27. CORESTA Recommended Method No 61, Determination of 1,2-Propylene Glycol, Glycerol and Sorbitol in Tobacco and Tobacco Products by High Performance Liquid Chromatography (HPLC)
28. Manual till AquaLab Vattenaktivitetsmätare, AquaLab series 3.
29. Referenshandbok DL50/DL53/DL55/DL58 Titrators Mettler Toledo 1997-99
30. Titration Applications Brochure 12 DL50/DL53/DL55/DL58 Mettler Toledo
31. Musser, S.M. U.S. Food and Drug Administration Draft Method, Detection and Quantitation of Acrylamide in Foods. FDA web site: <http://www.cfsan.fda.gov/~dms/acrylami.html> (2005-09-29).
32. Wenzel, T. Beatriz de la Calle, M. Aklam, E. Analytical methods for the determination of acrylamide in food products: a review. *Food Additives and Contaminants*, 20 (2003) 885-902.
33. Rosén, J and Hellenäs, K.E. Analysis of acrylamide in cooked foods by liquid chromatography tandem mass spectrometry. *Analyst*, 127 (2002) 880-882.
34. Young, M.S. Jenkins, K.M. and Mallet, C. Solid-phase extraction and cleanup procedures for determination of acrylamide in fried potato products by liquid chromatography/mass spectrometry. *Journal of AOAC International*, 87 (2004) 961-964.
35. Analysis of ethylcarbamate in Korean soy sauce using high-performance liquid chromatography with fluorescence detection or tandem mass spectrometry and gas chromatography with mass

- spectrometry. Sung-Kug Park, Cheong Tae Kim, Joo-Won Lee, Ok Hwa Jhee, Ae Seon Om, Ju Seop Kang och Tae Wha Moon. Food Control, Volume 18, Issue 8, August 2007, Pages 975–982
36. Development of a novel solid-phase extraction, LC-MS/MS method for the analysis of ethyl carbamate in alcoholic beverages: application to South African wine and spirits.
  37. Alberts P, Stander MA och De Villiers A. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2011 Jan 1:1-14
  38. Commission Decision of 12 August 2002/657/EC. Web site: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2002:221:0008:0036:EN:PDF>
  39. Gabriela Zurek, Uwe Karst and Heinrich Luftmann. HPLC-APCI-MS with calibration based on stable isotope-labelled internal standards for the quantification of carbonyls in air samples. Analyst, 1999, 124, 1291-1295
  40. Yugang Chi, Yanli Feng, Sheng Wen, Huixiong Lu, Zhiqiang Yu, Wenbing Zhang, Guoying Sheng, Jiamo Fu. Determination of carbonyl compounds in the atmosphere by DNPH derivatization and LC-ESI-MS/MS detection. Talanta 72 (2007) 539-545
  41. Stepanov, I., Jensen, J., Hatsukami, D. and Hecht, S.S. New and traditional smokeless tobacco: Comparison of toxicant and carcinogen levels. Nicotine & Tobacco Research, 10 (2008) 1773-1782.
  42. Aufarbeitungsverfahren für Aldehyden und Ketonen in Wasser, Institut Fresenius.
  43. ISO 11732:2005. Water quality – Determination of ammonium nitrogen – Method by flow analysis (CFA and FIA) and spectrometric detection.
  44. Multimetod (M200/201) för analys av bekämpningsmedelsrester i frukt och grönsaker med etylacetatextraktion och bestämning med LC-MS/MS (ES/ES+) och GC-MS/MS. SLV-K1-f4-m013.4.
  45. Method Validation and Quality Control Procedures for Pesticide Residues Analysis in Food and Feed: SANCO/12495/2011
  46. Analysis of dithiocarbamates in vegetables by GC/FPD. SLV-K1-m007.4, 2011.
  47. Renata M.S. Celeghini, Janete H.Y. Vilegas and Fernando M. Lancas. Extraction and Quantitative HPLC Analysis of Coumarin in Hydroalcoholic Extracts of Mikania glomerata Spreng ("guaco") Leaves. Braz.Chem.Soc., Vol.12, No 6, (2001) 706-709.
  48. Livsmedelsverket, Livsmedelsverkets föreskrifter om aromer, SLVFS 1993:34 (1996:1)
  49. Metals. Determination by atomic absorption spectrophotometry after wet digestion in a microwave oven. NMKL Method No. 161, 1998.
  50. Trace elements – As, Cd, Hg, Pb and other elements. Determination by ICP-MS after pressure digestion. NMKL Method No. 186, 2007.
  51. Lead, Cadmium, Zinc, Copper, and Iron in Foods. Atomic Absorption Spectrophotometry after Microwave Digestion. AOAC Official method 999.10, 1999.
  52. PREN 16277:2011. Animal Feeding Stuffs - Determination of Mercury by Cold-Vapour Atomic Absorption Spectrometry (CVAAS) after Microwave Pressure Digestion (Extraction with 65% Nitric Acid and 30% Hydrogen Peroxide)