

## References

1. Masilamani D, Madhan B, Shanmugam G, Palanivel S, Narayan B. Extraction of Collagen from Raw Trimming Wastes of Tannery: A Waste to Wealth Approach. *Journal of Cleaner Production* 2016; 113: 338-344.
2. Food and Agriculture Organization of the United Nations, World Statistical Compendium for Raw Hides and Skins, Leather And Leather Footwear 1999-2015. <http://www.fao.org/3/a-i5599e.pdf>.
3. Sanz P, Rucandio I, Cabanillas A. Study Of Cr(VI) in Ashes from Fluidized Bed Combustion of Leather Waste: Applicability of Different Speciation Methods. *International Journal of Analytical Chemistry* 2003; 83(2): 143-156.
4. Pouloupoulou VG, Katakisand D, Vrachnou E. A Method for the Removal of Chromium from Tanned Leather Wastes. *Journal of the Air & Waste Management Association* 1998; 48: 846.
5. Yang H, Luo WQ, Guo S, Wen L, Hou C, Shu ZB. *Food Science and Technology* 2013; 38(2): 98.
6. Peng Y, Glattauer V, Werkmeister JA, Ramshaw JAM. Evaluation for Collagen Products for Cosmetic Application. *International Journal of Cosmetic Science* 2004; 26(6): 313.
7. Murali R, Anumary A, Ashokkumar M, Thanikaivelan P, Chandrasekaran B. Hybrid Biodegradable Films from Collagenous Wastes and Natural Polymers for Biomedical Applications. *Waste Biomass Valor* 2011; 2: 323-335.
8. Ławińska K, Lasoń-Rydel M, Gendaszewska D, Grzesiak E, Sieczyńska K, Gaidau C, Epure D-G, Obraniak A. Coating of Seeds with Collagen Hydrolysates from Leather Waste. *FIBRES & TEXTILES in Eastern Europe* 2019; 27, 4(136): 59-64. DOI: 10.5604/01.3001.0013.1819.
9. Parenteau-Bareil R, Gauvin R, Berthod F. Collagen-Based Biomaterials for Tissue Engineering Applications. *Materials* 2010; 3: 1863-1887.
10. Krasnowska G. Characteristics and Use of Collagen Proteins. *Veterinary Medicine (in Polish)* 2005; 61 (3): 271-274.
11. Lapiere CM, Nusgens B, Pierard GE. Interaction Between Collagen Type I and Type III in Conditioning Bundles Organization. *Connective Tissue Research* 1977; 5(1): 21-29.
12. Dimova EY, Nedkov PP, Haertléand T, Nedkov PT. Molecular Mass Disribution and Amino Acid Content of a Cosmetic Collagen Preparation. *Biotechnology & Biotechnological Equipment* 2014; 14(1): 76-80.
13. García-Sifuentes CO, Lugo-Sánchez ME, Scheuren-Aceve S, Martínez-Porchas M, Peralta-Martínez V. Amino Acid Profile of Collagen Fractions Extracted from By-Products of *Ophistonema Libertate* and *Scomber Japonicas*. *CyTA – Journal of Food* 2016; 14(2), 296-301.
14. Dent CE. A Study of the Behaviour of Some Sixty Amino-Acids and other Ninhydrin-Reacting Substances on Phenol-;Collidine' Filter-Paper Chromatograms, with Notes as to the Occurrence of Some of them in Biological Fluids. *Biochemical Journal* 1948; (2): 169-180.
15. Husek P. Gas Chromatography of Amino Acids. *Journal of Chromatography* 1975; 113(2): 139-230.

16. Moore S, Stein WH. Photometric Ninhydrin Method for Use in the Chromatography of Amino Acids. *Journal of Biological Chemistry* 1948; 176(1): 367.
17. Kabelová I, Dvořáková M, Čížková H, Dostálek P, Melzoc K. Determination of free Amino Acids in Cheeses From the Czech Market. *Czech Journal of Food Sciences* 2009; 27(3): 143.
18. Cohen SA, Michaud DP. Synthesis of a Fluorescent Derivatizing Reagent, 6-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate, and Its Application for the Analysis of Hydrolysate Amino Acids via High-Performance Liquid Chromatography. *Analytical Biochemistry* 1993; 211: 279-287.
19. Reverter M, Lundh T, Lindberg JE. Determination of Free Amino Acids in Pig Plasma by Precolumn Derivatization with 6-N-Aminoquinolyl-N-Hydroxysuccinimidyl Carbamate and High-Performance Liquid Chromatography. *Journal of Chromatography B* 696 (1): 1-8.
20. Woessner JF. The Determination of Hydroxyproline in Tissue and Protein Samples Containing Small Proportions of this Imino Acid. *Archives of Biochemistry and Biophysics* 1961; 93: 440-447.
21. Waters Millipore Corporation, Waters AccQ.Tag Chemistry Package, Instruction manual, USA, 1993.
22. BN-85 6149-03. Industry Standard. Raw Materials for Cosmetic Products. Soluble Collagen. Requirements and Tests.
23. Jaworska M, Stańczyk M, Wilk M, Kłaczko G, Anuszevska E, Barzał J, Rzepecki P. New Approach for Amino Acid Profiling in Human Plasma by Selective Fluorescence Derivatization. *Amino Acids* 2012; 43: 1653.
24. Marten S, Naguschewski M. VBS0011N, 05(11), 1 (2011).
25. Ignat'eva NYu, Danilov NA, Averkiev SV, Obrezkova MV, Lunin VV, Sobol EN. Determination of Hydroxyproline in Tissues and the Evaluation of the Collagen Content of the Tissues. *Journal of Analytical Chemistry* 2007; 62(1): 51-57.
26. Ward AG, Courts A, editors, The Science and Technology of Gelatin, Academic Press, London, New York, 1977.