Present Status of Activation Analysis Applications in Criminalistics

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The author suggests that customs criminalistics (forensic science) should be routinely introduced into these situations. As a result, forensic and criminalistic support of customs activities extended to customs control and law enforcement activities, which is considered in more detail below. 3. A key function of customs authorities. Malyshenko (2013) considers that customs control is the main function of customs administrations, and much attention is paid to evaluating its effectiveness. Jervis RE, Present status of activation analysis applications in criminalistics. Isot Rad Tech. 1968; 6(1):57-70. Kalman DA, Hughes J, van Belle G, Burbacher T, Bolgiano D, Coble KL, Mottet NK, and Polissar L. Distribution of urinary arsenic species for individuals living in an arsenic-contaminated community. Environ Health Perspect. 1990; 89:145-51. Katz SA, Katz RB. Assessment of copper and zinc status in hair and urine of young women descendants of NIDDM parents. Biol Trace Elem Res. 1998; 62:255-64. Takeuchi T, Nakano Y, Aoki A, Ohmori S, Kasuya M. Elemental concentrations in hair of inhabitants of a cadmium-polluted area. Biol Trace Elem Res. 1990 Jul-Dec; 26-27:263-8. Taylor A. Usefulness of measurements of trace elements in hair. This paper presents and analyzes four actual court cases where an explicit probability model was used as evidence or to quantify the impact of some evidence in the courtroom. Through these cases, an attempt is made to understand some of the possibilities and risks attendant upon quantitative probabilistic analysis in legal factfinding. Although we cannot hope to model the process of forming a judicial belief in its entirety, those facets of factfinding where quantitative estimates are typically made implicitly and intuitively could benefit from the aid provided by tools such as mathematical pr... Discover more publications, questions and projects in Criminalistics. Article.