

1. Record Nr.	UNINA9910830422003321
Titolo	Chemical Weapons Convention chemicals analysis [[electronic resource]] : sample collection, preparation, and analytical methods // edited by Markku Mesilaakso
Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : Wiley, c2005
ISBN	1-280-28774-8 9786610287741 0-470-34032-0 0-470-01228-5 0-470-85425-1
Descrizione fisica	1 online resource (480 p.)
Altri autori (Persone)	MesilaaksoMarkku
Disciplina	327.1745 623.4/592/0287
Soggetti	Chemical arms control - Verification Chemistry, Analytic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	CHEMICAL WEAPONS CONVENTION CHEMICALS ANALYSIS Sample Collection, Preparation and Analytical Methods; About the Editor; Contents; List of Contributors; Preface; CHAPTER 1 Introduction; CHAPTER 2 Sampling and Analysis in the Chemical Weapons Convention and the OPCW Mobile Laboratory; CHAPTER 3 On-site Analysis by the Inspection Team. Sampling, Analysis, Equipment, Procedures and Strategies; CHAPTER 4 The OPCW Gas Chromatograph/Mass Spectrometer for On-site Analysis. Instrumentation, AMDIS Software and Preparations for Use; CHAPTER 5 Hazardous Environment Monitoring CHAPTER 6 A Comprehensive Review of the Official OPCW Proficiency Test CHAPTER 7 The OPCW Central Analytical Database; CHAPTER 8 Analysis Strategy for Analysis of Chemicals Related to the Chemical Weapons Convention in an Off-site Laboratory; CHAPTER 9 Sample Preparation for Analysis of Chemicals Related to the Chemical Weapons Convention in an Off-site Laboratory; CHAPTER 10 Gas

Chromatography in Screening of Chemicals Related to the Chemical Weapons Convention; CHAPTER 11 Gas Chromatography/Mass Spectrometry in Analysis of Chemicals Related to the Chemical Weapons Convention

CHAPTER 12 Liquid Chromatography/Mass Spectrometry in Analysis of Chemicals Related to the Chemical Weapons Convention

CHAPTER 13 Nuclear Magnetic Resonance Spectroscopy in Analysis of Chemicals Related to the Chemical Weapons Convention; CHAPTER 14 Fourier Transform Infrared Spectroscopy in Analysis of Chemicals Related to the Chemical Weapons Convention; CHAPTER 15 Capillary Electrophoresis in Analysis of Chemicals Related to the Chemical Weapons Convention; CHAPTER 16 Methods for the Retrospective Detection of Exposure to Toxic Scheduled Chemicals. Part A: Analysis of Free Metabolites

CHAPTER 17 Methods for Retrospective Detection of Exposure to Toxic Scheduled Chemicals. Part B: Mass Spectrometric and Immunochemical Analysis of Covalent Adducts to Proteins and DNA

Colour Plate; Index

Sommario/riassunto

Describes the procedures for collection of samples, sample preparation, and analysis of CWC-related chemicals. It deals with analytical procedures that can be followed in well-equipped off-site laboratories (designated laboratories), as well as the on-site analytical procedures that the OPCW inspectors use in sample collection and preliminary analysis of the samples in field conditions. A one-of-a-kind, highly topical handbook for every expert in the chemical weapons field. Outlines the methods for analysing chemical weapons both on and off site. Authored by international experts in

2. Record Nr.	UNINA9910476900503321
Autore	Masino Johannes
Titolo	Road Condition Estimation with Data Mining Methods using Vehicle Based Sensors
Pubbl/distr/stampa	Karlsruhe, : KIT Scientific Publishing, 2021
ISBN	1000104538
Descrizione fisica	1 online resource (234 p.)
Collana	Karlsruher Schriftenreihe Fahrzeugsystemtechnik
Soggetti	Mechanical engineering & materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The work provides novel methods to process inertial sensor and acoustic sensor data for road condition estimation and monitoring with application in vehicles, which serve as sensor platforms. Furthermore, methods are introduced to combine the results from various vehicles for a more reliable estimation.