

1. Record Nr.	UNINA9910139562803321
Titolo	Chemical analysis of antibiotic residues in food [[electronic resource] /] / edited by Jian Wang, James D. MacNeil, Jack F. Kay
Pubbl/distr/stampa	Hoboken, N.J., : Wiley & Sons, 2012
ISBN	1-283-33208-6 9786613332080 1-118-06719-3 1-118-06720-7
Descrizione fisica	1 online resource (377 p.)
Collana	Wiley series in mass spectrometry
Altri autori (Persone)	WangJian <1969-> MacNeilJames D KayJack F
Disciplina	615.9/54
Soggetti	Veterinary drug residues - Analysis Antibiotic residues - Analysis Food of animal origin - Safety measures
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	Antibiotics : groups and properties / Philip T. Reeves -- Pharmacokinetics, distribution, bioavailability, and relationship to antibiotic residues / Peter Lees and Pierre-Louis Toutain -- Antibiotic residues in food, drinking water, and food safety regulations / Kevin J. Greenlees, Lynn G. Friedlander, and Alistair Boxall -- Sample preparation : extraction and clean-up / Alida A.M. (Linda) Stolker and Martin Danaher -- Bioanalytical screening methods / Sara Stead and Jacques Stark -- Chemical analysis : quantitative and confirmatory methods / Jian Wang and Sherri B. Turnipseed -- Single residue quantitative and confirmatory methods / Jonathan Tarbin ... [et al.] -- Method development and method validation / Jack F. Kay and James D. MacNeil -- Measurement uncertainty / Jian Wang ... [et al.] -- Quality assurance and quality control / Andrew Cannavan, Jack Kay, and Bruno Le Bizec.
Sommario/riassunto	An insightful exploration of the key aspects concerning the chemical analysis of antibiotic residues in food The presence of excess residues

from frequent antibiotic use in animals is not only illegal, but can pose serious health risks by contaminating products for human consumption such as meat and milk. *Chemical Analysis of Antibiotic Residues in Food* is a single-source reference for readers interested in the development of analytical methods for analyzing antibiotic residues in food. It covers themes that include quality assurance and quality control, antibiotic chemical pro
