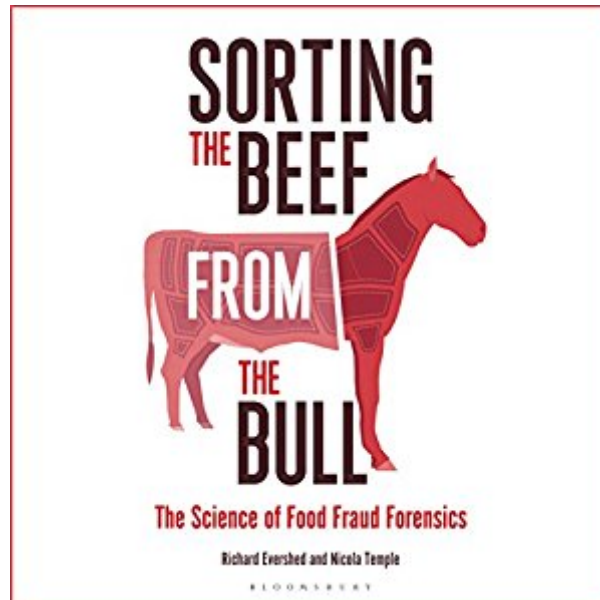# Sorting The Beef From The Bull: The Science Of Food Fraud Forensics

Synopsis

Horsemeat in our burgers, melamine in our infants' milk, artificial colors in our fish and fruit... As our urban lifestyle takes us further and further away from our food sources, there are increasing opportunities for dishonesty, duplicity, and profit-making shortcuts. Food adulteration, motivated by money, is an issue that has spanned the globe throughout human history. Whether it's a matter of making a good quality oil stretch a bit further by adding a little extra "something" or labelling a food falsely to appeal to current consumer trends - it's all food fraud, and it costs the food industry billions of dollars each year. The price to consumers may be even higher, with some paying for these crimes with their health and, in some cases, their lives. So how do we sort the beef from the bull (or horse, as the case may be)? This audiobook explains the scientific tools and techniques that revealed the century's biggest food fraud scams. It looks in detail at the biggest scams in recent times; drawing on the lead author's extensive experience at the forefront of the fight against these fraudsters, it goes on to explore the arms race between scientists and adulterers as better techniques for detection spur more creative and sophisticated means of adulteration. Finally, it looks at the up-and-coming techniques and devices that will help the industry and consumers fight food fraud in the future. Engagingly written by Richard Evershed and Nicola Temple, this book lifts the lid on the forensics involved and brings the full story of a fascinating and underreported applied science to light.

Book Information

Audible Audio Edition

Listening Length: 9 hoursÂ andÂ 12 minutes

Program Type: Audiobook

Version: Unabridged

Publisher: Audible Studios for Bloomsbury

Audible.com Release Date: February 25, 2016

Whispersync for Voice: Ready

Language: English

ASIN: B0197AUET0

Best Sellers Rank: #18 inÂ Books > Audible Audiobooks > Science > Chemistry #70 inÂ Books > Science & Math > Chemistry > Analytic #177 inÂ Books > Business & Money > Industries > Restaurant & Food

Customer Reviews

Sorting the Beef from the Bull: The Science of Food Fraud Forensics by Richard Evershed and Nicola Temple. London, Bloomsbury Sigma. 2016 320pp. ISBN 13-978-1472911339The authors make clear that this is not a book about bad eating habits or the evils of corporate capitalism in terms of agribusiness. It is about covert practices that are applied to food that gainsay the label. It is mostly about how we are not necessarily buying what we intend to buy and consume. Some times our food and potables are not what they claim to be and we are cheated out of some of our money. Sometimes we are poisoned. It is about food security, an often used but typically misunderstood concept. The general public that reads this book will get a clearer understanding of that term. It is about the intentional altering of food purely for profit.They provide methods to test our purchases based on known chemistry which identifies types of structures that can only apply to certain products. It is written clearly and in a style that is readable butâ|most of us do not have a laboratory or the scientific background to examine the contents of what we eat. Really, we are not going to do that anyway. The science that they present does appear to be pretty sound though. The appendices do provide the chemical structures for those skilled at understanding them.Their approach to getting what you pay for is very much as my own is and it comes from the food philosophy (if such a genre exists) of Michael Pollan. If you are shopping at a grocery store, as much as possible avoid the interior aisles. Stick to the periphery where the food is all less processed and in some cases not processed at all.

Sorting the Beef from the Bull: The Science of Food Fraud Forensics The Basics of Digital Forensics, Second Edition: The Primer for Getting Started in Digital Forensics Fraud Analytics Using Descriptive, Predictive, and Social Network Techniques: A Guide to Data Science for Fraud Detection (Wiley and SAS Business Series) Warranty Fraud Management: Reducing Fraud and Other Excess Costs in Warranty and Service Operations (Wiley and SAS Business Series) Food Forensics: The Hidden Toxins Lurking in Your Food and How You Can Avoid Them for Lifelong Health The Food Service Professional Guide to Controlling Restaurant & Food Service Food Costs (The Food Service Professional Guide to, 6) (The Food Service Professionals Guide To) A Second Look at the Second Coming (Sorting Through the Speculations) Sticker Early Learning: Sorting American Pit Bull Terrier Calendar - Only Dog Breed American Pit Bull Terriers Calendar - 2016 Wall calendars - Dog Calendars - Monthly Wall Calendar by Avonside The Maps of First Bull Run: An Atlas of the First Bull Run (Manassas) Campaign, including the Battle of Ball's Bluff, June-October 1861 (American Battle Series) FORENSICS: UNCOVER THE SCIENCE AND TECHNOLOGY OF CRIME SCENE INVESTIGATION (Inquire and Investigate) Computer

Investigation (Forensics: the Science of Crime-Solving) Criminal Psychology & Personality Profiling (Solving Crimes With Science: Forensics) Travesty in Haiti: A true account of Christian missions, orphanages, fraud, food aid and drug trafficking The Food Service Professional Guide to Controlling Restaurant & Food Service Operating Costs (The Food Service Professional Guide to, 5) (The Food Service Professionals Guide To) Forensics: What Bugs, Burns, Prints, DNA, and More Tell Us About Crime CCFP Certified Cyber Forensics Professional All-in-One Exam Guide Forest Forensics: A Field Guide to Reading the Forested Landscape Forensics Duo Series Volume 4: Duo Practice and Competition Thirty-five 8-10 Minute Original Dramatic Plays for Two Females Computer Forensics: Evidence Collection and Management

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