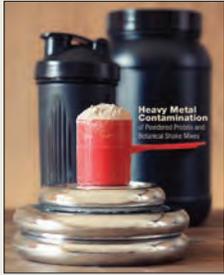


Environmental Health

ABOUT THE COVER



The use of powdered shake mixes as nutritional supplements or meal replacements has become increasingly popular among health-conscious individuals. Consumption of these mixes, however, might pose a public health risk due to possible contamination of harmful substances such as heavy metals. This month's cover article, "Heavy Metal Contamination of Powdered Protein and Botanical Shake Mixes," analyzed a select group of popular powdered protein and botanical shake mixes for arsenic, cadmium, chromium, and lead. Over half of the products tested contained elevated levels of at least one toxic heavy metal. The findings highlight that these types of mixes can be a significant source of exposure to toxic heavy metals.

See page 8.

Cover photo © iStockphoto/Lecic

ADVERTISERS INDEX

Accela	39
Custom Data Processing.....	21
HealthSpace USA Inc.....	64
Inspect2GO Environmental Health Software.....	63
Micro Essential Laboratory, Inc.....	15
MSU Online MS in Food Safety Program.....	29
Ozark River/Integrity Distribution.....	49
Sweeps Software, Inc.....	2
Tyler Technologies.....	35
University of Illinois at Springfield	49

ADVANCEMENT OF THE SCIENCE

Heavy Metal Contamination of Powdered Protein and Botanical Shake Mixes.....	8
Certified Food Safety Manager Impact on Food Inspection Citations.....	16
Microbial Quality of Ice Machines and Relationship to Facility Inspections in the Toledo, Ohio, Area	22

ADVANCEMENT OF THE PRACTICE

Assessing Training Needs and Competency Gaps in Food Protection Staff.....	30
Building Capacity: Fort Worth Builds Capacity Through a Customer Focused and Consolidated Delivery of Municipal Services.....	36
Direct From ATSDR: Evaluating Potential Health Effects of Secondary Drinking Water Contaminants	40
Direct From CDC/EHSB: Utilizing the Emergency Responder Health Monitoring and Surveillance System to Prepare for and Respond to Emergencies	44

ADVANCEMENT OF THE PRACTITIONER

Career Opportunities	48
EH Calendar	48
Resource Corner.....	50

YOUR ASSOCIATION

President's Message: Gratitude Served With a Side of Sacrifice.....	6
NEHA 2018 AEC.....	51
Special Listing	52
U.S. Postal Service Statement of Ownership	54
NEHA Organizational Members.....	55
A Tribute to Our 25-Year Members	56
NEHA News	60
DirecTalk: Musings From the 10th Floor: What Is the Value of Membership?	62

E-JOURNAL BONUS ARTICLE

Hazardous Chemical Releases Occurring in School Settings, 14 States, 2008–2013.....	E1
---	----