



**AOAC INTERNATIONAL**  
**Food Authenticity/Fraud (Targeted Testing)**  
**Meeting Minutes**  
**May 23, 2019**

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**Attendees:**

Joe Boison, Independent Consultant (Chair)  
Emily Britton, Waters Corp.  
Karen Everstine, Decernis  
Einat Haleva, ISRAC  
Zohar Kerem, The Hebrew University of Jerusalem  
Magdi Mossoba, US FDA  
Hari Narayanan, Metrohm USA Inc.  
Salvatore Parisi, Al Balqa Applied University  
Melissa Phillips, NIST  
Joe Romano, Waters Corp.  
Bert Pöpping, FOCOS - Food Consulting Strategically  
Chris Smith, The Coca Cola Co.  
Hiroko Suzuki, Japan Food Research Laboratories  
Christy Swoboda, Romer Labs, Inc.  
Mehrdad Tajkarimi, EAS Consulting Group  
Hong You, Eurofins Scientific, Inc.

**AOAC Staff:**

Delia Boyd  
Deborah McKenzie  
Krystyna McIver (Consultant)

**WORKING GROUP DISCUSSIONS:**

Karen Everstine (Decernis) volunteered to access and pull information from the Decernis database.

- Need methods for the different matrices
  - Prioritization
  - Categories

The working group also discussed the frequently used technologies (see below).

**FREQUENTLY USED TECHNOLOGIES:**

- LC/MS
  - High res MS
- DNA
  - QPCR
  - Next gen sequencing

- Plant
- Animal
- NMR
- SERS
- Ion Chromatography
  - MS/MS
- Infra-red
  - NIR
  - MIR
  - FTIR
- Immunological
  - ELISA LFD
- Fatty acids analysis
  - Wet Chem
  - HPLC
  - GC
  - UV
- Use Spectrometry has header
- Microscopy
- Maldi-tof
- Sensory analysis
- Enzymatic analysis (honey)

**ACTION ITEMS/NEXT STEPS:**

1. Members to sign up for the matrices subgroup
2. Clean-up the list (above)
3. Create 2-dimensional spreadsheet (based on list)
  - a. Methods identified/analyte
4. Extract vs. method use for the matrices?
5. Contact Mei Shotts to champion the effort with Horizon Scan database

\*Reschedule June 6 meeting (if possible)