

# What's New for 2015

## ■ Phosphate Flame Retardants (PFRs)

- ❑ More than 30 new organophosphate compounds
- ❑ Includes the chloro and bromo-containing retardants

## ■ Polybromodiphenyl ethers (PBDEs)

- ❑ All 209 PBDE congeners (only at AccuStandard)
- ❑ 25 New PBDE metabolites (hydroxy and methoxy)

## ■ Biocides (EU Directive)

AccuStandard is the only certified reference material manufacturer to offer a comprehensive product line of biocides included in the EU Biocide Regulations 528/2012 (EU BPR).

- ❑ 4 main groups of classification, with 23 sub-product types

## ■ Plastic Additives

- ❑ More than 50 new compounds have been added to our plastic additives product line
- ❑ Coming out spring 2015, the 2nd edition - *The Handbook for the Analysis of Plastic and Polymer Additives* by AccuStandard (CRC Press)

## ■ Pesticides

*Pesticide Reference Guide* is available which contains structures as well as chemical and physical data

- ❑ Over 125 new compounds available as neat and/or solutions.
- ❑ Large screening mixes available

## ■ Biofuels

- ❑ EN 14105 Biofuel Glyceride solutions
- ❑ EN 15721 Biofuel Ethanol impurities

## ■ Halobenzoquinones

HBQs are disinfection by-products formed by reactions between disinfectants and organic matter in water. Recent studies have shown that these compounds may possess carcinogenic properties.

- ❑ 7 HBQs to aid researchers in their on-going studies

## ■ Imidazoles

The caramel-coloring synthesis process for both foods and cola-type drinks produces imidazoles. Studies have shown the 4-methyl imidazole (4-MEI) may cause cancer in large doses.

- ❑ 4-MEI and four related analogs

## ■ Bisphenol Analogs

Analogs of the parent compound are now receiving scrutiny as they are identified in the products and in humans. Bisphenol A (BPA) has been the subject of numerous toxicological studies

- ❑ We have synthesized a number of these compounds and a total of 17 bisphenol analogs

## ■ Phthalates

Phthalates related to Consumer Products Safety Commission requirements and state legislation.

- ❑ 17 new compounds
- ❑ Mono-phthalates: metabolites for environmental and toxicological studies



# AccuStandard®

ISO Guide 34 ■ ISO/IEC 17025 ■ ISO 9001

**You Set the Standards  
We make them!®**

