

# Fresh

  
**PerkinElmer**<sup>®</sup>  
*For the Better*

HUMAN HEALTH | ENVIRONMENTAL HEALTH

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Analytical Sciences



**SAFER WATER  
BETTER HEALTH**

### Dear patrons and readers,

We are glad to inform you that your response and appreciation towards the Fresh has made us to keep our promise to provide you the latest updates and contents in the form of articles, case studies and applications based on the analytical technologies provided by PerkinElmer. We also would like to keep you informed that few new products are recently launched new Pinnacle series of Atomic absorption spectrometers and advance Optima 8000 ICP spectrometers in the global market to serve our customers in various segments.

This edition of Fresh brings you the capabilities of PerkinElmer technologies for the analysis of water. Water is life for human and environment; the advent of industrialization demands the monitoring of water quality which is safe for drinking and industrial usage. There are various aspects and regulations in place for water testing; few applications are of very interesting to every reader.

For any questions or queries please do write to us.

Warm regards  
Team Marketing  
PerkinElmer (India) Pvt. Ltd.

### News updates:

#### PerkinElmer (India) Pvt Ltd. moved to new facility at Thane near Mumbai



On 3rd June 2011 the new state of the art facility was officially inaugurated by Dusty Tenney - President, Laboratory Services-

PerkinElmer USA. On this occasion Mr. Andy Attwood – Vice President GM ASLS PerkinElmer Europe and Dr. Fedja Bobanovic General Manager – ASLS North Europe & SEMEA were present to address the team. This new facility is equipped with the talent academy and service training facility; apart from the technical centre and global technology centre. The new premises have the necessary infrastructure to provide the best support to our esteemed customers.

### New product introduction:

PerkinElmer launches new state of the art Pinnacle Atomic Absorption Spectrometers (AAs) and Optima 8X00 Inductively coupled plasma spectrometer (ICP)



For more information on water and environmental analysis log on to our website [www.perkinelmer.in](http://www.perkinelmer.in) or write to [Marketing.India@perkinelmer.com](mailto:Marketing.India@perkinelmer.com)



#### Rapid UHPLC Determination of Nine Common Herbicides in Drinking Water with the PerkinElmer Flexar FX-15

This application presents a sensitive and robust liquid chromatography method to test nine widely used herbicides using a 3  $\mu$ m UHPLC column to achieve very high throughput at a low flow rate to reduce testing time and solvent consumption. [\(Click here for more...\)](#)



#### Analysis of Trace Metals in Surface and Bottled Water with the Optima ICP-OES

Heavy metals are among the most significant freshwater pollutants and pose severe threats to geographical biodiversity. Pollution by heavy metals such as Cd, Pb, etc. not only affects the productivity of crops, but also compromises the quality of the atmosphere and water bodies. [\(Click here for more...\)](#)



#### Water and environmental analysis using Lambda XLS+ UV VIS spectrometer

UV/vis spectroscopy is an important analytical technique in modern water analysis. Many cations and anions in water can be determined with high selectivity and sensitivity. The common principle of water analysis is that the sample is mixed with reagents, which react specifically with the constituent to be analyzed. [\(Click here for more...\)](#)