



VENDOR LUNCH PRESENTATION

Date: **Tuesday, September 20th**

Venue: **Sheraton Dallas Hotel
Houston B**

Time: **12:00 p.m. - 1:00 p.m.**

Also, stop by [booth #312/314](#)
to discuss your analysis with an
Agilent Representative.

AOAC 2014.02 ULTRA-HPLC METHOD OF VITAMIN B12 ANALYSIS AFTER IMMUNOAFFINITY PURIFICATION – EVALUATION OF SYSTEM SUITABILITY PARAMETERS FOR COLUMN PERFORMANCE

AOAC 2014.02 method for determination of vitamin B12 is applicable to added cyanocobalamin as well as natural forms. Vitamin B12 is extracted in sodium acetate buffer containing cyanide. Vitamin B12 is determined by LC with UV detection after an immunoaffinity column purification. The AOAC method lists a specific C18, 1.7 μm , column for chromatography. It's critical that the column provides a good chromatography and resolves vitamin B12 from any matrix and other interferences. The study compares performance of different columns to find resolution requirements of vitamin B12 peak. The method performance was also evaluated against a LC-MS/MS and microbiological methods.

Presenter: Sneh D. Bhandari, Merieux NutriSciences, Silliker Food Science Center

MULTIELEMENT ANALYSIS OF MILK AND MILK POWDER USING AN AGILENT 7900 ICP-MS AND 4200 MP-AES

Milk and milk-based products are known for their nutritional benefits and advantages. The demand for milk has led to an increase in global production, which in turn is driving a greater focus on product quality. Identifying levels of major elements like Na, K, Mg, Ca, and essential elements such as Se, P, Mn, Zn, as well as any potentially toxic elements such as As, Cd, Sn, Hg, and Pb are of high interest to this industry. In this study both the Agilent 7900 ICP-MS and 4200 MP-AES were used to analyze seven types of commercially available milk and milk products.

Presenter: Jenny Nelson, Agilent Technologies

INTUVO ON-TAP

Date: **Tuesday, September 20th**

Venue: **Sheraton Dallas Hotel
Trinity Room 1**

Time: **4:30 p.m. – 6:00 p.m.**

Come celebrate the introduction of the Intuvo 9000 GC over drinks and appetizers as we enter into a new era of gas chromatography – An era that will be defined by a quantum leap in ease of use and productivity gains in GC workflows. No more ferrules, no more column clipping, and direct heating for faster analysis. Come find out what all the hype is about!

Please register online so we can save you a drink!

[Event Registration](#)

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