



**GIBRALTAR INSTITUTE FOR RESEARCH AND
TRAINING (IN OUR 24TH YEAR!)
COURSE OUTLINE**

**COURSE 08-01 "Analytical Chemistry: Methods, Instrument
Maintenance & Case Studies"**

March 24, 2008

INTRO: This course will provide the participant with a review of organic chemistry as applied to compendial analysis of raw materials and active ingredients for the pharmaceutical, cosmetic and allied industries. In addition, the course will focus on preventative maintenance and calibration of HPLC and GC instruments. Wet chemistry and dissolution testing will be part of the presentation. Discussion leaders will be John Sowa, Ph.D., Associate Professor of Chemistry, Seton Hall University and Daniel Prince, Ph.D., President and Chemistry Coordinator, Gibraltar Laboratories, Inc. An extra session for interested parties on the chemistry of inorganic and organic antimicrobial agents is part of the program, including the potency of transition elements and the structure and activity of antibiotics. A tour of the facility is available for those who wish to observe the Chemistry and Microbiology Departments at 122 Fairfield Road and 16 Montesano Road, respectively. A course notebook will be supplied containing abstracts of all the presentations.

1. Principles of Chemistry as Applied to Analytical Chemistry and USP Monographs for Analysis of Raw Materials and Finished Products
2. Methods Development for HPLC and GC
3. Case Studies: When the Expected Results Are Not Obtained with the Validated Methods
4. Dissolution Primer
5. USP Monographs
6. IQ/OQ/PQ Maintenance and Validation of Analytical Instruments.

Please complete the enclosed registration form and e-mail to
kkohan@gibraltarlabsinc.com and danielprince@gibraltarlabsinc.com



**GIBRALTAR INSTITUTE FOR RESEARCH AND TRAINING
REGISTRATION FORM**

MARCH 24, 2008

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Case Studies"**

Name _____

Title _____

Company _____

Address _____

Tel. No. _____

Fax _____

E-mail _____

Course Fee: \$495.00

Credit cards accepted contact Lois Johnson 973 227 6882 x 512 or online

<http://www.gibraltarlabsinc.com/Credit%20Card%20Processing.htm>

**If hotel reservations are required please contact Maggie for discount rates at
the Fairfield Executive Inn @ 973-575-7700 (216-234, Route 46 East, Fairfield,
NJ 07004)**

Return by 03/10/08 to Kristah Kohan, Sales Manager-

KKohan@gibraltarlabsinc.com or fax to 973-227-0812 and

danielprince@gibraltarlabsinc.com