

LabTrain

GOOD LABORATORY PRACTICES AND BASIC ANALYTICAL TECHNIQUES

TARGET AUDIENCE

All chemical and microbiological analysts and assistants; as well as production personnel who carry out in-process testing. This course will also benefit students studying science, as well as anyone who wants or needs a basic knowledge of laboratories and analytical skills.

TARGET INDUSTRIES

Pharmaceutical, Medical, Food & Beverage, Chemical, Cosmetic, Household Products, or any industry that utilizes a laboratory.

COURSE CONTENT

1. Introduction to GLP
2. Introduction to basic analytical techniques
3. Qualitative vs quantitative tests and the need for accuracy and precision
4. Understanding and working with Specifications, Standard Operating Procedures and Test Methods
5. Good weighing practice
6. Use of Laboratory Glassware
7. Pipetting and volumetric care
8. Use of chemicals / reagents
9. Documentation, including writing up of reports
10. Introduction to laboratory instrumentation and the use thereof
11. Calibration and maintenance of equipment
12. Safety in the Laboratory
13. What you can do to make a difference

TRAINING EVALUATION

All delegates are required to complete a questionnaire at the end of course. Certificates are issued on successful completion of the test.

LEARNING OBJECTIVES

Delegates will have a greater understanding of GLP and basic analytical techniques. Their roles and responsibilities in adhering to GLP and QA systems will be stressed.

COURSE ATTENDEES

This course has been very well attended with delegates from various industries, including attendees from Xstrata, Enviroserve, Amka, Dow Agrosiences and Sylvan. In house courses have also been run at various organizations including Department of Agriculture, SAPS Forensics, DWAF and Mondi.

VENUE : In-house at LabTrain or on-site

DATES : Regularly throughout the year

DURATION : 2 days

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This course can also be run on-site to enable you to ensure maximum number of staff to attend.