Garnet
Garnet Global Training Center

GGT-PH-129

Pharmaceutical & Laboratory

Spectroscopy Techniques

تقنيات التحليل الطيفي

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Spectroscopy Techniques turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. GMP, quality and laboratory programs for pharmaceutical, medical device and testing organisations. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Spectroscopy Techniques to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

Who should attend

QA/QC staff, production and laboratory personnel, regulatory affairs specialists. Practitioners with one to five years of experience benefit most.

Key topics

- GMP and GLP principles
- Validation and qualification
- Documentation and data integrity
- Deviations and CAPA
- Regulatory submissions
- Laboratory instruments

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Spectroscopy Techniques: principles and standards

- Validation and qualification
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Documentation and data integrity
- Deviations and CAPA

Day 3 Diagnosis and problem solving

- Regulatory submissions
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Laboratory instruments
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- GMP and GLP principles
- Checklists and templates to take away

10-day outline

Day 1 Spectroscopy Techniques: principles and standards

- Validation and qualification
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Documentation and data integrity
- Deviations and CAPA

Day 3 Diagnosis and problem solving

- Regulatory submissions
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Laboratory instruments
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- GMP and GLP principles
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Measurement and reporting

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
17–21 May 2027	5-day classroom	Barcelona	English	4,750
7–11 Jun 2027	5-day classroom	London	English	4,750
19–23 Jul 2027	5-day online	Live online	Arabic	2,950
1–12 Nov 2027	10-day classroom	Dubai	Arabic	8,950
7–18 Feb 2028	10-day classroom	Geneva	English	8,950
13–17 Mar 2028	5-day classroom	Istanbul	English	4,750
6–17 Nov 2028	10-day online	Live online	English	5,450
4–8 Dec 2028	5-day classroom	London	English	4,750
19–23 Feb 2029	5-day classroom	Paris	English	4,750

Dates	Format	City	Language	Fee (USD)
19–23 Mar 2029	5-day online	Live online	English	2,950
4–8 Nov 2029	5-day classroom	Amman	Arabic	4,750
17–28 Dec 2029	10-day classroom	Barcelona	English	8,950
14–25 Jan 2030	10-day online	Live online	English	5,450
10–14 Feb 2030	5-day classroom	Manama	English	4,750
12–16 May 2030	5-day classroom	Kuwait City	Arabic	4,750
16–27 Dec 2030	10-day classroom	London	English	8,950

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/