



QUALITY AND PRODUCTIVITY | QP-021

Good Manufacturing Practice (GMP) Essentials

Contact

+31 85 7444446
info@aractech.com
https://aractech.com

Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

Course content

Why Attend

Good manufacturing practice ensures that medicines, food supplements, cosmetics and related products are consistently produced and controlled to quality standards. GMP failures can lead to recalls, regulatory action and patient harm.

This Aractech course explains GMP principles and regulations, quality systems, personnel and training, premises and equipment, documentation and data integrity, production and process controls, quality control, deviations and CAPA, and inspection readiness. Participants apply GMP requirements to practical scenarios.

Course Methodology

- Regulation-based presentations
- Practical scenarios
- Documentation exercises
- Inspection case studies
- Group discussions

Course Objectives

- Explain GMP principles and regulatory frameworks
- Understand quality system requirements
- Apply GMP to personnel, premises and equipment
- Maintain good documentation and data integrity
- Manage deviations, CAPA and change control
- Prepare for GMP inspections

Target Audience

- Production and QA staff in regulated manufacturing

Course content

- Quality control laboratory staff
- Engineering and maintenance staff
- Warehouse staff

Course outline

Detailed course outline

Day-by-day outline for Good Manufacturing Practice (GMP) Essentials.

Day 1 - GMP Fundamentals

- 09:00-09:39 | What GMP is
- 09:39-10:18 | Regulatory frameworks
- 10:18-10:57 | Quality systems
- 10:57-11:00 | Responsibilities
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Responsibilities (continued)
- 12:05-12:43 | Consequences of non-compliance
- 12:43-14:00 | Exercise: GMP scenarios

Day 2 - Personnel, Premises and Equipment

- 09:00-09:34 | Training and hygiene
- 09:34-10:41 | Facility design
- 10:41-11:00 | Cleaning
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Cleaning (continued)
- 11:45-12:19 | Equipment qualification
- 12:19-12:53 | Maintenance
- 12:53-14:00 | Workshop: Facility review

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Day 3 - Documentation and Data Integrity

- 09:00-10:07 | Good documentation practice
- 10:07-10:41 | Batch records
- 10:41-11:00 | Data integrity principles
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Data integrity principles (continued)
- 11:45-12:19 | Electronic records
- 12:19-12:53 | Common errors
- 12:53-14:00 | Exercise: Documentation review

Day 4 - Production and Quality Control

- 09:00-09:39 | Process controls
- 09:39-10:18 | Validation
- 10:18-10:57 | Sampling and testing
- 10:57-11:00 | Release
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Release (continued)
- 12:05-12:43 | Deviations and CAPA
- 12:43-14:00 | Case study: Deviation investigation

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Day 5 - Inspection Readiness

- 09:00-09:45 | Self-inspection
- 09:45-10:30 | Inspection conduct
- 10:30-11:00 | Responding to findings
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Responding to findings (continued)
- 11:45-12:30 | Change control
- 12:30-13:15 | Continuous improvement
- 13:15-14:00 | Capstone: GMP improvement plan

Seminar dates

Available seminar dates

Live dates and pricing for Good Manufacturing Practice (GMP) Essentials generated from the course details page.

Date	Location	Format	Fee
16 - 20 November 2026	Rome	Classroom	€3,460
7 - 11 December 2026	Munich	Classroom	€3,225
11 - 15 January 2027	Barcelona	Classroom	€2,815
8 - 12 February 2027	Cape Town	Classroom	€1,625
8 - 12 March 2027	Frankfurt	Classroom	€1,875
12 - 16 April 2027	Barcelona	Classroom	€2,815
10 - 14 May 2027	Barcelona	Classroom	€2,815
14 - 18 June 2027	Rome	Classroom	€3,460
12 - 16 July 2027	Geneva	Classroom	€4,315
9 - 13 August 2027	Barcelona	Classroom	€2,815

Seminar dates

Available seminar dates

Live dates and pricing for Good Manufacturing Practice (GMP) Essentials generated from the course details page.

Date	Location	Format	Fee
13 - 17 September 2027	Paris	Classroom	€3,825
11 - 15 October 2027	Frankfurt	Classroom	€1,875
8 - 12 November 2027	Barcelona	Classroom	€2,815
13 - 17 December 2027	Barcelona	Classroom	€2,815
16 - 20 November 2026	Online / Live	Online / Live	€1,815
7 - 11 December 2026	Online / Live	Online / Live	€1,815
11 - 15 January 2027	Online / Live	Online / Live	€1,815
8 - 12 February 2027	Online / Live	Online / Live	€1,815
8 - 12 March 2027	Online / Live	Online / Live	€1,815
12 - 16 April 2027	Online / Live	Online / Live	€1,815

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Date	Location	Format	Fee
10 - 14 May 2027	Online / Live	Online / Live	€1,815
14 - 18 June 2027	Online / Live	Online / Live	€1,815
12 - 16 July 2027	Online / Live	Online / Live	€1,815
9 - 13 August 2027	Online / Live	Online / Live	€1,815
13 - 17 September 2027	Online / Live	Online / Live	€1,815
11 - 15 October 2027	Online / Live	Online / Live	€1,815
8 - 12 November 2027	Online / Live	Online / Live	€1,815
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