Sterling ACADEMY

Build the competence. Prove it with confidence.

COURSE BROCHURE

PRACTITIONER TRAINING · GOOD PRACTICE (GXP)

Cleaning Validation Training

Self-paced online training (video) · 13 modules · about 2.5 hours of video, plus practice exercises · about 5.5 hours in total · English, with captions

Validate cleaning of shared pharmaceutical equipment with limits based on health-based exposure limits, a justified worst case, recovered swab and rinse sampling, and verification over the life cycle.

WHO IT IS FOR

Validation and quality assurance staff, production and cleaning supervisors, quality control analysts, toxicology and engineering staff, and consultants in pharmaceutical and active ingredient manufacturing with shared equipment.

WHAT YOU WILL LEARN

- Explain why cleaning validation matters and what US FDA and EU GMP require
- Design a cleaning process and identify the variables that affect it
- Use health-based exposure limits to calculate carryover and surface residue limits
- Justify worst-case products, equipment and hold times
- Plan swab and rinse sampling with recovery, suitable methods and visual inspection
- Write the protocol and report, and keep cleaning validated through verification and trending

MODULES (13)

1. Why cleaning validation matters
2. Cross-contamination and the rules
3. Designing the cleaning process
4. Variables, hold times and automation
5. Health-based exposure limits
6. Calculating safe limits
7. Historical criteria, agents and microbes
8. Worst case and grouping
9. Swab and rinse sampling
10. Analytical methods and visual inspection
11. Protocol, execution and report
12. Verification, trending and change
13. Putting it together at JKL Pharma

PRICE

US$99 per learner

Per learner, by team size

1–10 learners	**US$99**
11–50 learners	**US$79**
51–200 learners	**US$69**

Excluding taxes.

DURATION

About 5.5 hours in total (3 hours of video)

MODULES

13

FORMAT

Self-paced online training (video)

LANGUAGE

English, with captions

ACCESS

12 months

CERTIFICATE

Sterling Academy Certificate of Completion

Scan for the course page, prices and enrolment