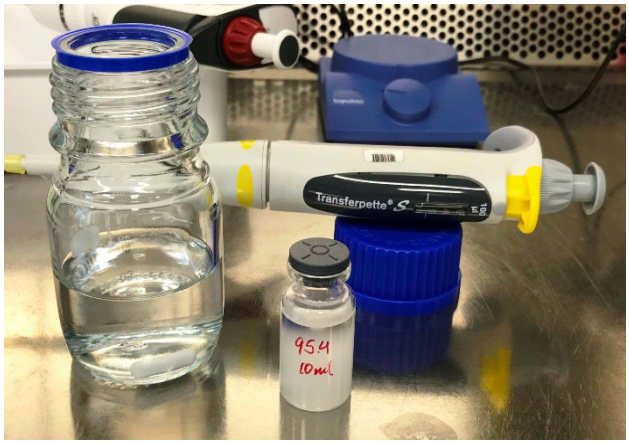
Efficiency Check of Cleaning Processes

Riboflavin, particle, and LAL tests for pharmaceutical cleaning machines

The check of cleaning efficiency, performed also as a part of requalification activities, can – depending on the intention – be done in different ways.

While the semi-quantitative riboflavin test under UV light yields instantly results, the quantitative, instrumentally more demanding analyses of particle counts or endotoxin concentrations must be executed in a laboratory.
For the particle test, certified and storable glass powders of 10 µm particle size are used. Objects for the LAL test are inoculated with certified lipopolysaccharides (LPS, endotoxin).

Valicare provides the necessary GMP-compliant documentation, like protocols, test documentation and reports.



Our Competence

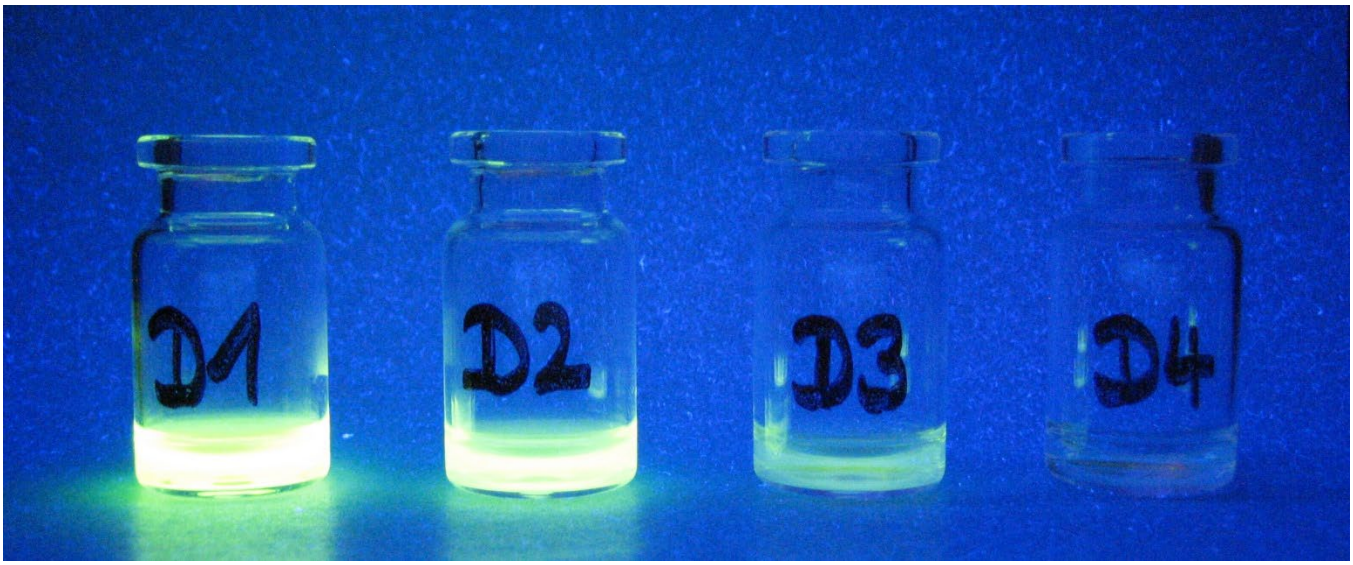
- More than 17 experience in execution of cleaning efficiency tests
- Engineers of various disciplines with technical expertise
- Natural scientists with analytical expertise and laboratory experiences

Our Services & Support

- Preparation of challenge objects (inoculation with riboflavin, particles, or endotoxin)
- Onsite machine runs
- Onsite evaluation of the riboflavin test
- Measurements of the processed objects, determination of recoveries (for particle and LAL tests) and evaluation
- Creation of GMP-compliant documents (protocols, test sheets, reports)
- Measurement with qualified/calibrated equipment

Your Benefits

- Personnel relief and time savings by outsourcing the tests to experts
- Significant and reproducible results due to the application of SOP-based and competently executed methods
- GMP- and audit-suitable reports



UV fluorescence of differently concentrated riboflavin solutions

Contact us if you are planning tests for checking the efficiency of your cleaning machine. We support you!

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