



VIROLOGY AND MICROBIOLOGY LABORATORY

VIRUCIDAL AND MICROBICIDAL ACTIVITIES TESTING OF DISINFECTANTS AND SANITIZERS PT1 - PT4

VIRUCIDAL AND MICROBICIDAL ACTIVITIES OF AIRBORNE DISINFECTION SYSTEMS

EN 17272 AND NFT 72281 / Bespoke protocols - Performance qualification

VIRUCIDAL AND MICROBICIDAL ACTIVITIES OF STEAM DISINFECTION SYSTEM AND OTHER EQUIPMENT

NFT 72110 / Experimental protocols for the validation of equipment disinfection procedures UV irradiation and pulsed light - Ozone - Plasma - Gas - Thermal disinfection

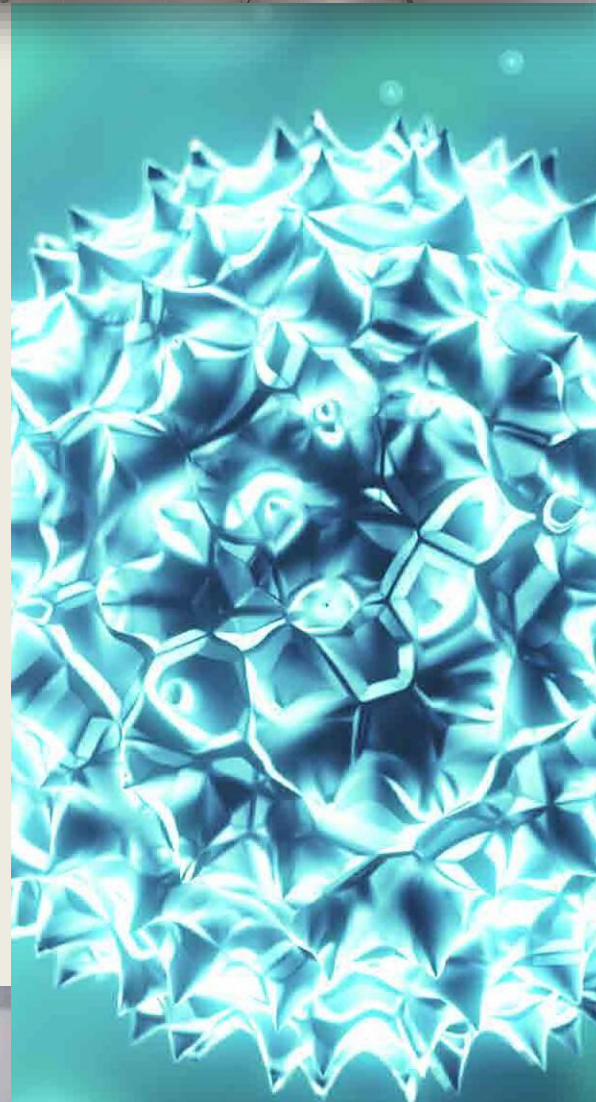
ANTIVIRAL AND ANTIBACTERIAL ACTIVITIES OF MATERIALS – COATING – TEXTILES

ISO standards - Bespoke protocols - Innovative experimental procedures - Study of viral persistence on surfaces and textiles over time

RESEARCH & DEVELOPMENT - INNOVATION

COLLECTION OF STRAINS:

more than 70 human and animal viral strains (BSL2/3) and more than 30 bacterial/yeast/mold strains including antibiotic resistant strains





DISINFECTANTS AND SANITIZERS TESTING SERVICES PT1 – PT4

VIRUCIDAL ACTIVITY EN STANDARDS

EN 14476 – EN 16777 – EN 17111 – EN 14675 –
EN17122 – EN 13610

- DWG testing
- OECD NO.170 experimental procedure (pool and spa disinfectants)
- Screening test for R&D department, and development of specific experimental procedures
- Virucidal activity according to adapted protocol of EN16615 (wipe/mop)
- Additional conditions: more than 70 human and animal viral strains in VirHealth's collection, including high pathogenic viral strains (BSL3)
- Virucidal and microbicidal testing Phase 2/Step 2 on egg shell carriers for **hatching eggs disinfection**

MICROBICIDAL ACTIVITIES OF CHEMICAL DISINFECTANTS EN STANDARDS

Phase2/Step1:

EN 1276 – EN 13727 – EN 1656 –
EN 1650 - EN 1657

Phase2/Step2 :

EN 13697 – EN 17387 – EN 14561
EN 14349 –

EN 16437 – EN 16438 – EN 17422
EN 16615 (wipe/mop)

- Additional conditions: more than 30 bacterial/yeast/mold strains including antibio-resistant strains

Lab carriers for Phase 2 / Step 2

Stainless steel, glass, artificial skin, poplar wood
and other porous and nonporous surfaces

AIRBORNE DISINFECTION SYSTEM

- Fogging Chambers of 79 m³ and 2 m³
- Controlled environmental parameters: temperature (10°C to 30°C), relative humidity (30% to 75%)
- Applicable technologies: nebulization, fumigation, and gas treatment"
- Implementation of Phase 3 Testing in a 640 m³ Livestock Building

