



Référence : Déclaration 20242904

DECLARATION OF MICROBIOLOGICAL EFFICIENCY OF TESALYS STERIPLUS™ AND STERISHRED® BIOMEDICAL WASTE TREATMENT SYSTEM

We undersigned, Dr. Marie-Florence GIREAUDOT, PhD, Microbiologist, risk management expert of the independent laboratory BioRisk Expertise, declare that we have tested the antimicrobial efficacy of the HCW treatment system **Tesalys STERISHRED®250 STERISHRED®700, STERIPLUS™80, STERIPLUS™40** and **STERIPLUS™20**, with the following results:

Regarding antimicrobial effectiveness, the test results show that the cycle parameters (shredding, air extraction by vacuum, steam autoclaving at $135^{\circ}\text{C} \pm 0,5^{\circ}\text{C}$ during 10 minutes, under $3,145 \pm 0,028$ bar) allow:

- **A reduction of $6 \log_{10}$ spores of *Geoacillus stearothermophilus*,**
- **A reduction at least of $8 \log_{10}$ spores of *Bacillus Atrophaeus*,**

Considering these results, we hereby **CERTIFY**:

That the HCW treatment systems Tesalys, STERIPLUS™ and STERISHRED®, comply with the requirements of the French standard NFX 30-503-1 (February 2016) with regards to the carrier test (bacterial spores) requirements.

Signed in Saint-André-lez-Lille (France), July 17, 2024

A handwritten signature in blue ink, appearing to read "M. GIREAUDOT".

Dr. Marie-Florence GIREAUDOT, PhD
Microbiologist, Risk Management Expert
BioRisk Expertise