



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<sub>10</sub> spores of *Geocillus stearothermophilus*,**
- **A reduction at least of 8 log<sub>10</sub> 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, consisting of stylized loops and a long horizontal stroke.

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