QUANTISWAB™

HIGH RELEASE AND RECOVERY

Expertise

IRRADIATED TRIPLE WRAPPED

Exclusive Performances

A BREAKTHROUGH TECHNOLOGY

Environmental Control

Innovation

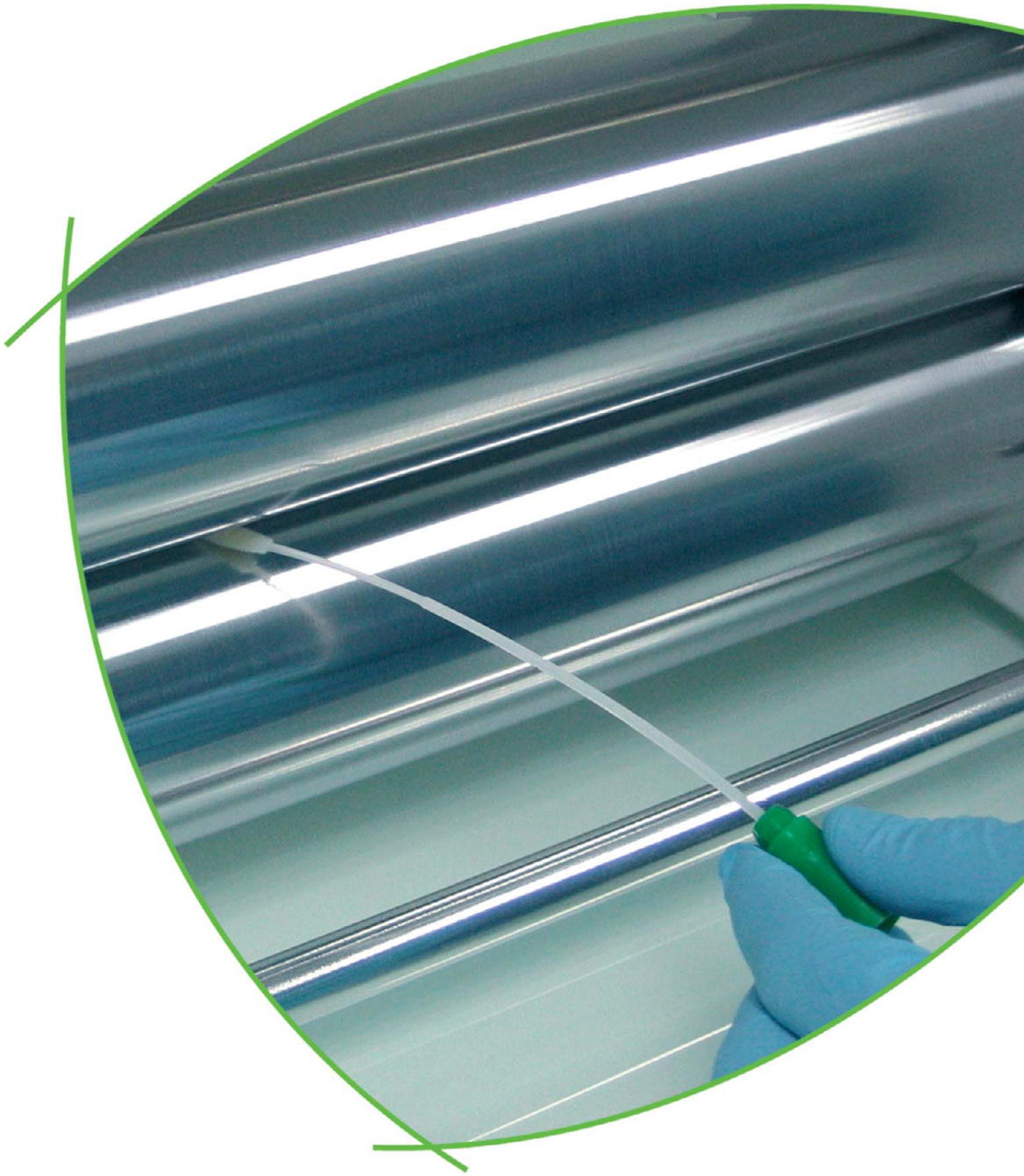
A NEW SWAB GENERATION

IRRADIATED ENVIRONMENTAL MONITORING RANGE

REFERENCE	DESCRIPTION	PACKAGING
43801	QUANTISWAB™	200 swabs - NEW
OTHER MEDIA		
43691 / 43699	Count-Tact™ 3P Irradiated Agar	20 / 100 plates 55mm
43711 / 43169	TSA 3P Irradiated Agar	20 / 100 plates 90mm - NEW High performances under lamniar flow
43751 / 43759	Count-Tact™ 3P Pack+ Irradiated Agar	20 / 100 plates 55mm - NEW New packaging for optimized storage
43562	TSA + Neutralizing agents Irradiated Agar	100 plates 90mm
43595	Sabouraud Dextrose with Chloramphenicol Irradiated Agar	20 plates 90mm
43554	Sabouraud Dextrose Irradiated Agar	20 plates 90mm
43288	Count-Tact™ 3P Irradiated Agar with β-Lactamase	20 plates 55mm - NEW
43287	TSA 3P Irradiated Agar whith neutralizers and β-Lactamase	20 plates 90mm - NEW

bioMérieux S.A.
69280 Marcy l'Etoile **- France**
Tel. 33 (0) 4 78 87 20 00
Fax 33 (0) 4 78 87 20 90
www.biomerieux.com

BIOMÉRIEUX INDUSTRY



QUANTISWAB™

Innovative environmental monitoring
Microbiology expertise
Unique & exclusive performances

BIOMÉRIEUX
INDUSTRY

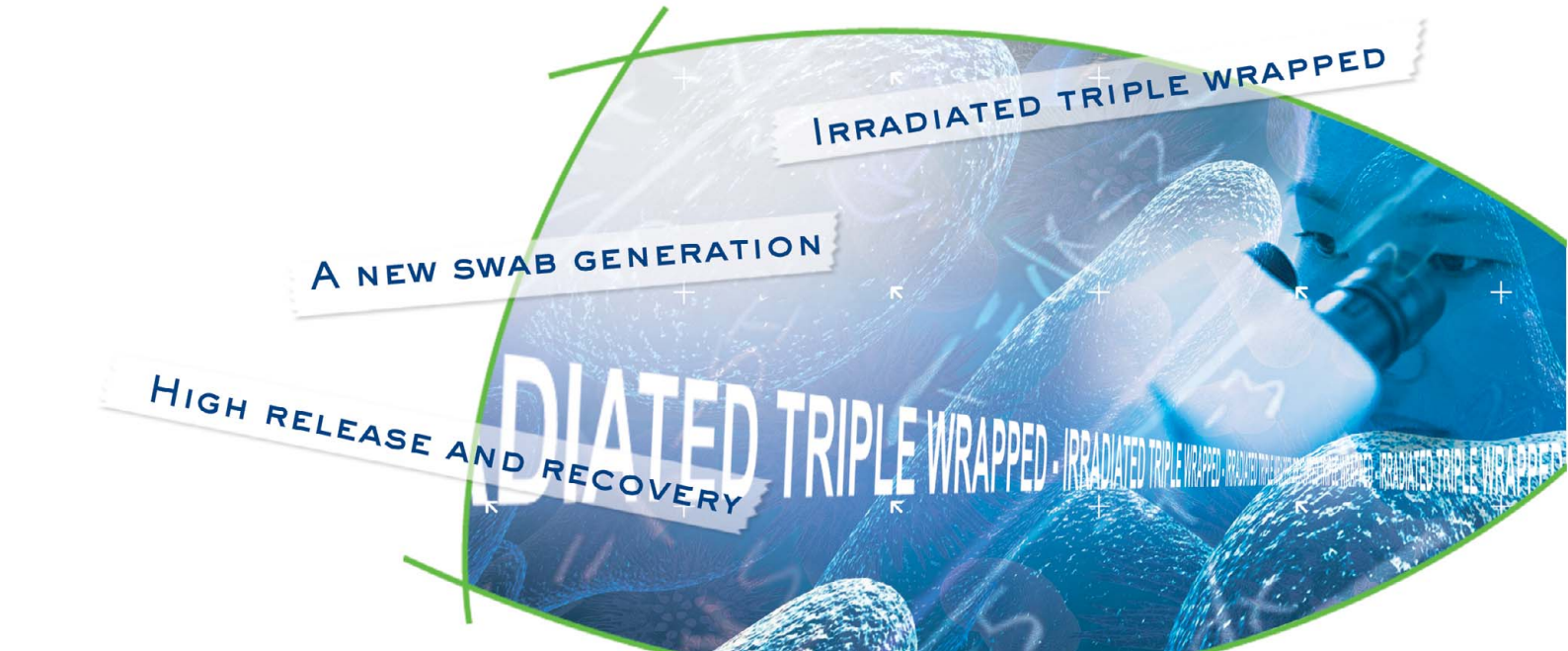
"Evaluating the quality of air and surfaces in the cleanroom environment should start with a well-defined written program and scientifically sound methods. ***The monitoring program should cover all production shifts and include air, floors, walls, and equipment surfaces, including the critical surfaces that come in contact with the product, container, and closures…*** *Samples should be taken throughout the classified areas of the aseptic processing facility (e.g., aseptic corridors, gowning rooms)* ***using scientifically sound sampling procedures.****"*

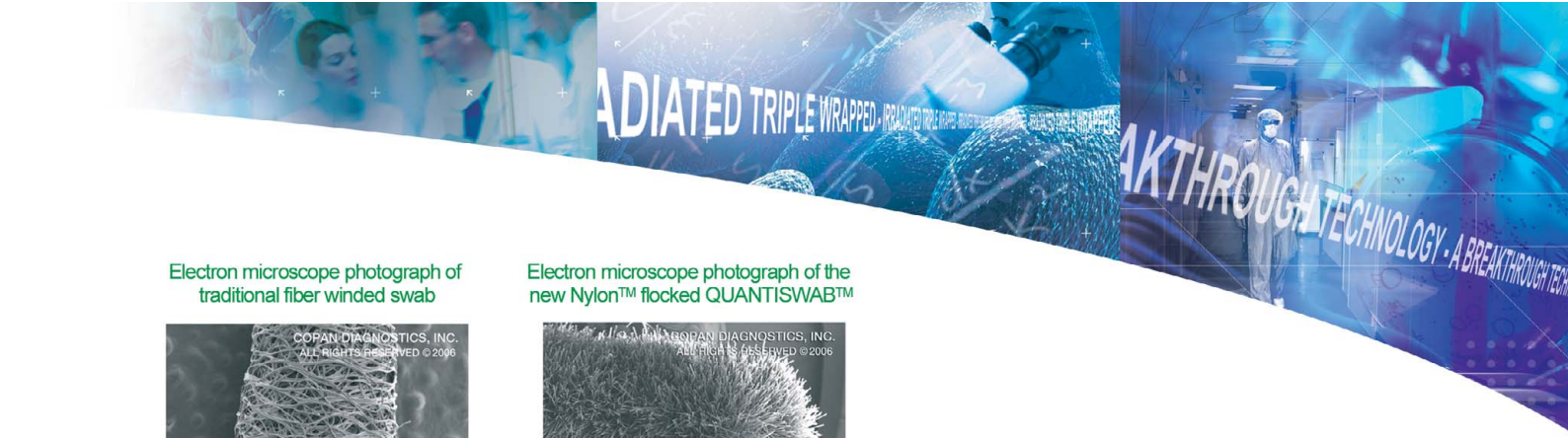
2004, FDA Guidance on "Sterile drug products produced by aseptic processing"

QUANTISWAB™

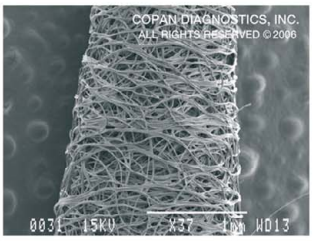
bioMérieux new Nylon flocked QUANTISWAB™ superior performances have been validated against traditional swabs. Due to its exceptional hydraulic capillary action, the new QUANTISWAB™ showed an improvement in the recovery of micro-organisms from surfaces up to 60% compared to traditional swabs with a low recovery rate around 20%. And with more than 90% release capacity of the captured micro-organisms, the new QUANTISWAB™ guarantees highly reliable results.

Cotton swabs	Alginate swabs	Rayon™ swabs	Dacron™ swabs	Nylon™ flocked **QUANTISWAB™**



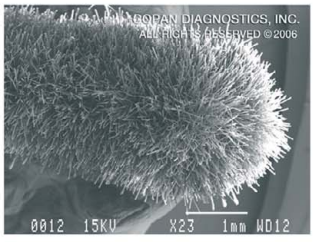


Electron microscope photograph of traditional fiber winded swab



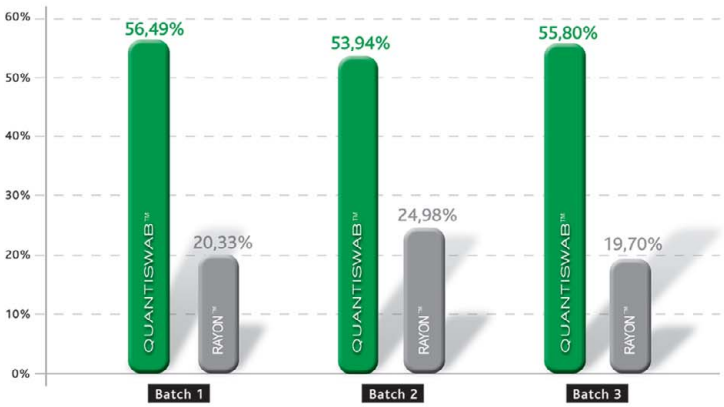
Traditional fiber winded swabs create a matrix-like environment in which micro-organisms are trapped and thus are very difficult to release.

Electron microscope photograph of the new Nylon™ flocked QUANTISWAB™



The patented flocking technology by Copan allows to design QUANTISWAB™ with nylon microfibers with exceptional hydraulic capillary properties.

Worldwide patent
Exclusive licence

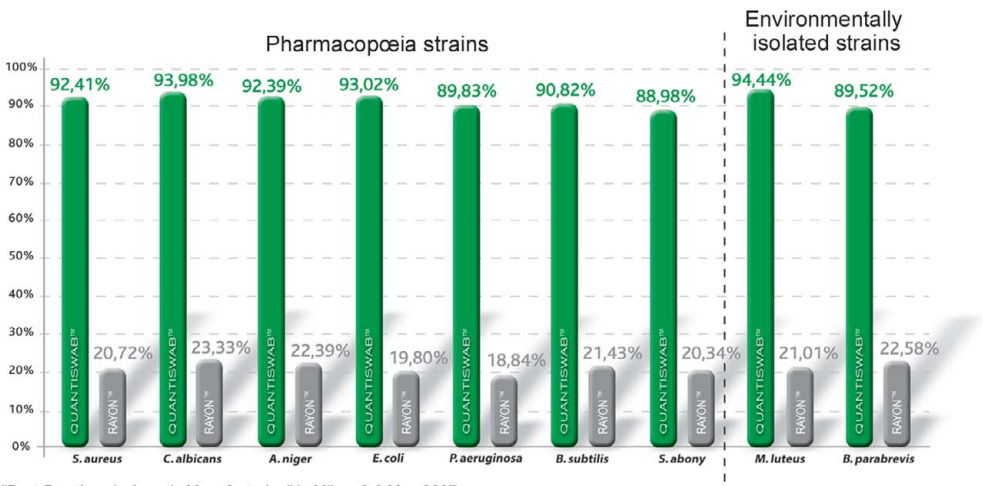


Recovery of micro-organisms on a surface: QUANTISWAB™ *versus* traditional Rayon™ swab

The recovery capacity validation of the swabs was carried out and this experiment shows that the Nylon™ flocked QUANTISWAB™ is able to recover 60% of micro-organisms from a surface, whereas Rayon™ swabs allow only around 20% recovery.

Release capacity of the swabs

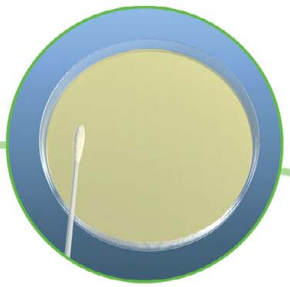
Due to its exceptionnal hydraulic capillary properties, QUANTISWAB™ demonstrated a sample release capacity on a plate of more than 90% of a known and calibrated inoculum by the direct inoculation test.



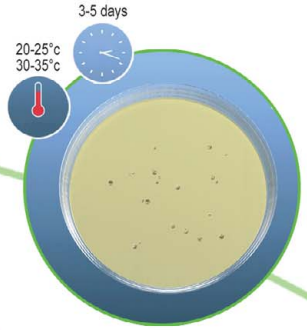
Complete results of the study were presented at the PDA conference "Best Practices in Aseptic Manufacturing" in Milan, 8-9 May 2007

QUANTISWAB™ is easy to use and specifically designed for critical clean rooms to get a quantitative indication of the surface contamination.

1- *Once you have peel-opened the three irradiated wraps and moistened the tip of the swab with the provided buffer, you just have to sample the surface*



2- *Roll the QUANTISWAB™ directly on an appropriate culture media*



3- *Incubate the culture media in the appropriate conditions*