



# BIOQUELL ROOM CI

SEE REAL-TIME RESULTS OF YOUR BIOQUELL CYCLE  
WITH OUR EXPERTLY MANUFACTURED CHEMICAL INDICATORS

The size of a business card, the Bioquell Room CI is a chemical indicator (CI) used in small rooms to large zones that gives an immediate indication of the success of a hydrogen peroxide vapor decontamination cycle.

Place one or multiple indicators anywhere in the room you are performing Bioquell bio-decontamination to see your expected results in real-time. A color changing strip is printed on the CI using a reactive dye specifically tailored for monitoring Bioquell's bio-decontamination process. The dye reacts by changing color when exposed to the vapor, allowing you to see the results as they occur.

After a cycle is complete, in order to determine the expected cycle efficacy, simply compare the reactive color strip to the static color reference strip printed directly above it on each card. Results achieved can be a 6-log or greater bioburden reduction.



## SIMPLE SETUP. EASY TO READ. REAL-TIME RESULTS

The Bioquell Room CI can be read immediately upon re-entering the room following a hydrogen peroxide vapor bio-decontamination cycle. No additional steps are required and the level of expected bioburden reduction is readily apparent on the card giving a truly instant result.



## VERIFICATION VALIDATED AGAINST HIGH STANDARDS

You have an instant quantitative result you can trust. Bioquell Room CI is calibrated against 6-log *Geobacillus stearothermophilus* biological indicators ("BIs"). This means the expected efficacy displayed on the Bioquell Room CI can be confirmed by using Bioquell BIs during the same cycle and subsequently confirming the results after the BI's seven-day incubation period.



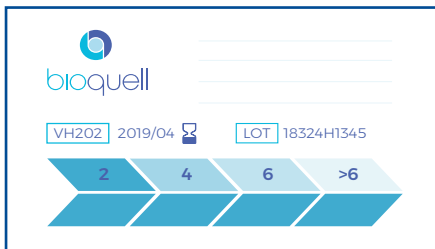
## PROCESS ASSURANCE

Using Bioquell Room CIs in every key cycle provides additional assurance of a successful bio-decontamination cycle in a cost-effective manner when compared to other options such as BIs or Enzyme Indicators (EIs). This gives you confidence to immediately continue with process operations and eliminates unnecessary downtime.

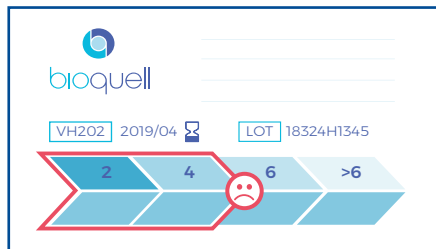


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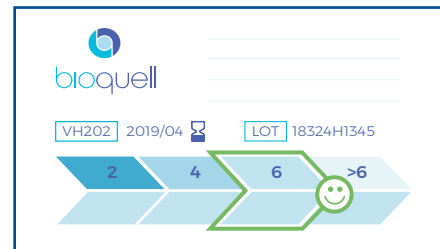
## A QUICK LOOK AT THE STAGES OF THE BIOQUELL ROOM CI:



The Bioquell Room CI without any exposure to hydrogen peroxide vapor



Here you see the color change achieved is only a 4-log kill.



A 6-log kill is seen as the color on the bottom matches the reference strip above.

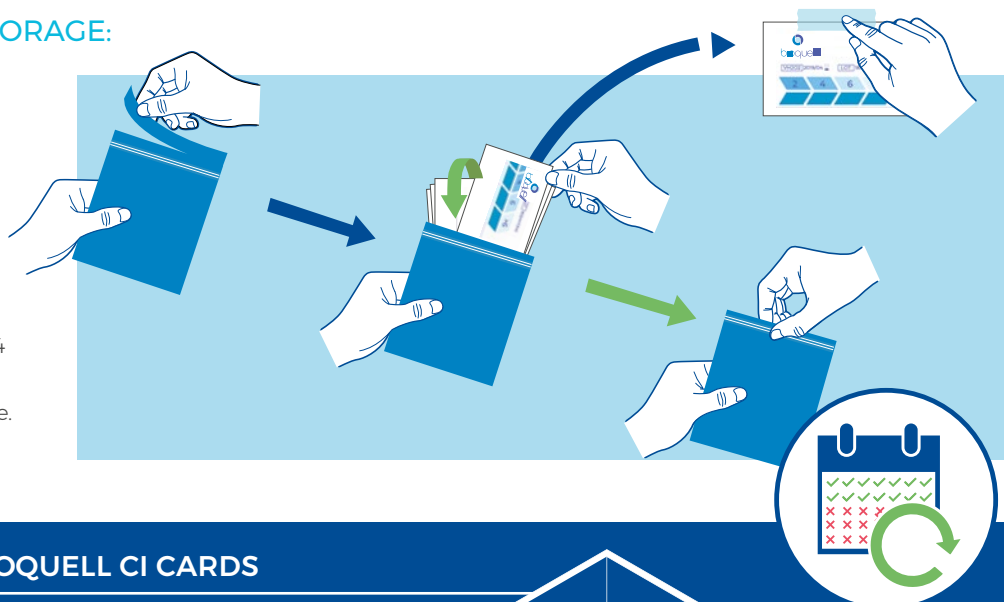
## APPLICATIONS:

Quickly and easily see an indication of room and zone decontamination success in:

- Biopharmaceutical manufacturing areas
- Bio-safety labs of all levels
- Patient rooms and wards
- GMP/GLP Laboratories
- Animal facilities

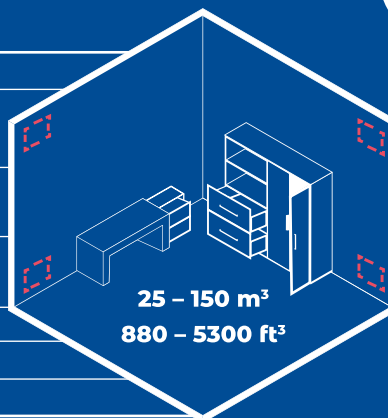
## QUICK SETUP AND SIMPLE STORAGE:

- Place your Bioquell Room CIs in various locations within the target zone prior to running a cycle, holding them in place with a piece of tape.
- If possible, place the cards in locations visible from outside the room to see real-time results as the Bioquell bio-decontamination cycle progresses.
- Store all remaining CIs and use within 14 days of opening.
- Run a Bioquell bio-decontamination cycle.
- Retrieve and review each card. Bioquell always aims for a 6-log or greater result.



## GET TECHNICAL WITH THE BIOQUELL CI CARDS

Packaging Contents	
Unit Description	Exterior Package is resealable self-standing pouch Hosted inside are 5 resealable foil wallets, and Instruction leaflet Each resealable pouch contains 20 chemical indicator cards
Storage	Shelf life of 6 months Temperature limits of 16°C to 21°C (61°F to 70°F) Cards within resealable foil wallets must be used within 14 days of opening
Dimensions (WxHxD)	100 units, packaged is 267 x 148 x 49mm (10.5 x 5.8 x 1.9in) 20 units, packaged is 106 x 158 x 8mm (4.2 x 6.2 x .3in) Individual card (WxH) is 85 x 55mm (3.35 x 2.17in)
Unit Weight	100 units, packaged is 0.200kg (44lb)
Reference	Log 6 bioburden reduction ( <i>C. Stearothermophilus</i> )
Volume	25m <sup>3</sup> to 150m <sup>3</sup> (880 to 5300 ft <sup>3</sup> ) per generator*



\* The Bioquell Room CI works in larger spaces. Please consult with a Bioquell validation expert to determine the best placements or other setup needs.

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