CarvaTec® from Hydromer® is proven effective in fight against deadly Candida auris

BASED ON INDEPENDENT RESEARCH STUDY

Study Conducted by Nova Biologicals • *Test results submitted 6/1/2019*

OBJECTIVE

To determine the effectiveness of killing and inhibiting the growth of Candida auris, a pathogenic yeast, using Hydromer's CarvaTec, an antimicrobial solution numbered (2318-209A).

PROCESS AND METHODS

Organism used for inoculation was not more than 5 passages removed from the original sample submitted by the CDC (B11903).

- Inoculum: Growth method was equivalent to a 0.5 McFarland standard.
- Medium: Cation-adjusted Mueller Hinton Broth.
- Incubation: 30-35°C with ambient air for 48-72 hours.

RESULTS

The minimum Inhibitory Concentration (MIC) of (2318-209A) is the lowest antimicrobial concentration that inhibits the growth of the microorganism (Candida auris). The Minimal Fungicidal Concentration is the lowest antimicrobial concentration that kills a microorganism.

SUMMARY

Hydromer's antimicrobial solution CarvaTec (2318-209A) demonstrated fungicidal efficacy against the pathogenic yeast Candida auris. CarvaTec (2318-209A) kills Candida auris. By using CarvaTec, clients can achieve the desired benefit of effectively controlling the growth and eliminating Candida auris, a yeast microorganism that may cause infection and even death among those in contact with it.

NOTE: PHOTOS USED FOR ILLUSTRATION PURPOSES ONLY