

## Patented Technology for Elimination of Harmful Surface Bacteria

- Long-lasting, on-going protection
- Alcohol-free
- Durably bonded antimicrobial
- Odorless and colorless
- Long shelf life
- Highly stable, no special storage requirements

### Experiment Details

- On June 19, 2020, the facility had called to remove the mold contamination off their walls during their shutdown period. All walls were cleaned completely and mold was removed.
- Sections of the walls were then treated with Novālent®.
- Over six weeks, swabbing took place every two weeks on three different dedicated 4 in x 4 in testing areas inside the bin room.
- The same treated and untreated 4 in x 4 in dedicated testing areas were consistently swabbed.

### Six-Week Controlled Area Facility Testing

Swab Samples	UNTREATED		TREATED	
	Bacteria Count (cfu/10x10 cm area)	Yeast and Fungal Count (cfu/10x10 cm area)	Bacteria Count (cfu/10x10 cm area)	Yeast and Fungal Count (cfu/10x10 cm area)
<b>June 19, 2020</b> 41339/5 & 6	<b>100</b> Staph/Micrococci 30% Other gram (+) 40% Other gram (-) 30%	<b>4,900</b> Cladosporium 100%	<b>10-100</b> Bacillus sp. 100%	<b>1,500</b> Cladosporium 97% Yeast 3%
<b>July 2, 2020</b> 41419/5 & 6	<b>1,600</b> Other gram (+) 100%	<b>41,000</b> Yeast 93% Cladosporium 7%	<b>&lt;10</b>	<b>90</b> Cladosporium 78% Yeast 22%
<b>July 16, 2020</b> 41493/5 & 6	<b>20</b> Bacillus sp. 50% Staph/Micrococci 50%	<b>20,000</b> Yeast 99% Cladosporium 1%	<b>10</b> Other gram (+) 100%	<b>130</b> Yeast 77% Cladosporium 23%
<b>July 30, 2020</b> 41595/7 & 8	<b>10</b>	<b>800</b> Yeast 75% Cladosporium 25%	<b>&lt;10</b>	<b>&lt;10</b>
<b>After Retreatment July 30, 2020</b> 41595/9				
			<b>&lt;10</b>	<b>&lt;10</b>



### Six-Week Results

- Swab testing showed a constant suppression of mold contamination in the treated areas.
- Results show significant mold regrowth to the untreated areas.
- In a food and beverage processing facility, this amount of contamination could result in failed hygiene audits and costly shut downs if not remedied.

