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Attention: To whom it may concern

Regarding: Vital Solution comment on various strains of SARS-CoV-2

Vital Solutions product Vital Oxide has been tested against Severe Acute Respiratory Syndrome-Related Coronavirus (SARS-COV-2) (COV-19 Virus) Strain USA/WA1/2020 the cause of COVID 19 virus meeting the efficacy requirements for the approval by the US EPA. Vital Oxide is listed by the EPA on List N EPA. All products on List N are approved for use on all stains of the coronavirus SARS-CoV-2 (COVID-19) when used according to the label directions.

The EPA current view is that all Disinfectants listed on list N should be effective on the variants of the SARS-CoV-2 virus. Below are citation of both the EPA and CDC guidance for variant strains of SARS-CoV-2.

EPA

Do disinfectants kill newer strains of coronavirus?

EPA expects all products on List N to kill all strains of SARS-CoV-2. Genetic changes to the virus do not impact the efficacy of disinfectants.

List N disinfectants work by chemically inactivating viruses. The difficulty of killing a virus depends on its physical features, and the recent mutations to SARS-CoV-2 have not changed the basic physical properties.

<https://www.epa.gov/coronavirus/do-disinfectants-kill-newer-strains-coronavirus>



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CDC (Centers for Disease Control and Prevention)

Transmission of variants:

What CDC is doing

CDC is working to monitor the spread of identified variants, characterize emerging viral variants, and expand its ability to find new SARS-CoV-2 variants. CDC is collaborating with EPA to confirm that disinfectants on EPA's [List N: Disinfectants for Coronavirus \(COVID-19external icon\)](#) inactivate these variant viruses. CDC will provide updates as new information becomes available.

<https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant.html>

Please let us know if we can be of further help.

Sincerely,

James Parker
General Manager
Vital Solutions, LLC