

## Thymox Comparison Chart

November 3<sup>rd</sup>, 2022



	Thymox Disinfectant Spray	Clorox Disinfecting All Purpose Cleaner	Seventh Generation Disinfecting Multi-Surface Cleaner	Lysol All-Purpose Cleaner	Method AntiBAC all-purpose cleaner	
<b>EPA registration #</b>	<b>87742-1</b>	<b>5813-73</b>	<b>84683-3</b>	<b>777-66</b>	<b>75277-2</b>	
% active	Thymol 0.23%	Alkyl Dimethyl Benzyl Ammonium Chloride 0.30%	Thymol 0.05%	Alkyl Dimethyl Benzyl Ammonium Chloride 0.086% Alkyl Dimethyl Benzyl Ammonium Chloride 0.0216%	Citric Acid 5.0%	
pH	4.0-6.0	6.0-7.0	4.0-5.0	10.5-11.3	2.55-3.05	
Broad-Spectrum Disinfection	2 minutes	10 minutes	10 minutes	2 minutes	10 minutes	
Tuberculocidal	3 minutes	No	No	No	No	
Soft Surface Sanitization	2 minutes	1 minute	No	No	No	
Food Contact Surface	No rinse	Rinse required	No rinse	Rinse required	No	
Contains heavy metal	No	No	Yes	No	No	
Use with Electrostatic Spray	Yes	No	No	No	No	
Precautionary Statements	None	Hazards to humans and domestic animals. CAUTION: Causes moderate eye irritation. Avoid contact with eyes or skin.	None	Hazards to humans and domestic animals. WARNING: Causes substantial but temporary eye injury. Do not get in eyes, on skin or on clothing.	None	
<b>Efficacy and kill claims*</b>						
Bacteria	<i>Pseudomonas aeruginosa</i> ( <i>P. aeruginosa</i> )	2 minutes	10 minutes	5 minutes	2 minutes	No
	<i>Staphylococcus aureus</i> ( <i>S. aureus</i> )	2 minutes	10 minutes	10 minutes	2 minutes	10 minutes
	<i>Salmonella enterica</i> ( <i>S. enterica</i> )	2 minutes	10 minutes	5 minutes	2 minutes	10 minutes
	Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA)	2 minutes	10 minutes	10 minutes	2 minutes	No
	<i>Escherichia coli</i>	2 minutes	No	5 minutes	No	No
	<i>Escherichia coli</i> O157:H7	2 minutes	10 minutes	5 minutes	2 minutes	No
	<i>Streptococcus suis</i>	2 minutes	No	No	No	No
	<i>Listeria monocytogenes</i>	2 minutes	10 minutes	5 minutes	2 minutes	No
	<i>Klebsiella pneumoniae</i> NDM-1 positive	2 minutes	No	No	2 minutes	No
	Vancomycin Resistant <i>Enterococcus faecalis</i> (VRE)	2 minutes	No	No	10 minutes	No
Viruses	Influenza A Virus	1 minute	30 seconds	5 minutes	10 minutes	10 minutes
	Feline calicivirus (surrogate for Norovirus)	4 minutes	No	5 minutes	10 minutes	No
	Respiratory Syncytial Virus (a cold virus)	1 minute	30 seconds	No	2 minutes	No
	Human Coronavirus	1 minute	30 seconds	5 minutes	2 minutes	No
	Human immunodeficiency virus (HIV) (AIDS Virus)	1 minute	30 seconds	10 minutes	2 minutes	No
SARS-CoV-2	1 minute	30 seconds	1 minute	2 minutes	No	
Fungi	<i>Trichophyton interdigitale</i>		10 minutes	10 minutes	No	No
	<i>Candida albicans</i>	3 minutes	No	10 minutes	No	No
Tuberculocidal	<i>Mycobacterium bovis</i>	3 minutes	No	No	No	No
Sanitizing	Food contact sanitizer ( <i>S. aureus</i> , <i>E. coli</i> )	Yes	No	Yes	No	No
	Sanitization	30 seconds	30 seconds	30 seconds	10 seconds	5 minutes
	Soft Surface Sanitization	2 minutes	60 seconds	No	No	No
Allergens	Removes allergens	Yes	No	Yes	Yes	No

Reference: Information retrieved from EPA Pesticide Product and Label System 2022/11/03 (<https://ordspub.epa.gov/ords/pesticides/f?p=PPLS:1>)

\*Always refer to product label before use.