

[Figure 1]

	Test bacteria	Bactericidal efficacy	
		30 seconds	60 seconds
Colored Olanedine disinfectant liquid formulation*	<i>Staphylococcus aureus</i> ATCC29213	○	○
	<i>Enterococcus faecalis</i> ATCC15606	○	○
	<i>Staphylococcus epidermidis</i> ATCC12228	○	○
	<i>Serratia marcescens</i> ATCC14756	○	○
	<i>Acinetobacter baumannii</i> ATCC19606	○	○
	<i>Escherichia coli</i> ATCC25922	○	○
	<i>Pseudomonas aeruginosa</i> ATCC27853	○	○
	<i>Candida albicans</i> ATCC90028	×	○

*2% lauromacrogol was added

[Figure 2]

	Test bacteria	Initial cell count	Log reduction	
			30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	Staphylococcus aureus ATCC29213	$10^{6.1}$	>5.1	>5.1
Colored Olanedine disinfectant liquid formulation*			>5.1	>5.1
Colorless Olanedine disinfectant liquid formulation	Enterococcus faecalis ATCC15606	$10^{6.5}$	>5.5	>5.5
Colored Olanedine disinfectant liquid formulation*			>5.5	>5.5
Colorless Olanedine disinfectant liquid formulation	Staphylococcus epidermidis ATCC12228	$10^{6.1}$	>5.1	>5.1
Colored Olanedine disinfectant liquid formulation*			>5.1	>5.1
Colorless Olanedine disinfectant liquid formulation	Serratia marcescens ATCC14756	$10^{5.6}$	>4.6	>4.6
Colored Olanedine disinfectant liquid formulation*			>4.6	>4.6
Colorless Olanedine disinfectant liquid formulation	Acinetobacter baumannii ATCC19606	$10^{5.3}$	>4.3	>4.3
Colored Olanedine disinfectant liquid formulation*			>4.3	>4.3
Colorless Olanedine disinfectant liquid formulation	Escherichia coli ATCC25922	$10^{5.5}$	>4.5	>4.5
Colored Olanedine disinfectant liquid formulation*			>4.5	>4.5
Colorless Olanedine disinfectant liquid formulation	Pseudomonas aeruginosa ATCC27853	$10^{4.2}$	>3.2	>3.2
Colored Olanedine disinfectant liquid formulation*			>3.2	>3.2
Colorless Olanedine disinfectant liquid formulation	Candida albicans ATCC90028	$10^{4.7}$	>3.7	>3.7
Colored Olanedine disinfectant liquid formulation*			3.3	>3.7

*2% lauromacrogol was added

[Figure 3]

	Surfactant [addition amount]	Bactericidal efficacy	
		30 seconds	60 seconds
Colored Olanedine disinfectant liquid formulation 1	Lauromacrogol [2%]	×	○
Colored Olanedine disinfectant liquid formulation 2	Polyoxyethylene(20) polyoxypropylene(8) glycol [3.6%]	×	×
Colored Olanedine disinfectant liquid formulation 3	Polyoxyethylene hardened castor oil 60 [6%]	×	×
Colored Olanedine disinfectant liquid formulation 4	Lauryl dimethylamine oxide [2.4%]	○	○

[Figure 4]

	Surfactant [addition amount]	Initial cell count	Log reduction	
			30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	10 ^{4.7}	>3.7	>3.7
Colored Olanedine disinfectant liquid formulation 1	Lauromacrogol [2%]		3.3	>3.7
Colored Olanedine disinfectant liquid formulation 2	Polyoxyethylene(20) polyoxypropylene(8) glycol [3.6%]		1.7	2.7
Colored Olanedine disinfectant liquid formulation 3	Polyoxyethylene hardened castor oil 60 [6%]		1.4	2.2

	Surfactant [addition amount]	Initial cell count	Log reduction	
			30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	10 ^{5.0}	>4.0	>4.0
Colored Olanedine disinfectant liquid formulation 4	Lauryl dimethylamine oxide [2.4%]		>4.0	>4.0

[Figure 5]

	Surfactant [addition amount]	Bactericidal efficacy	
		30 seconds	60 seconds
Colored Olanedine disinfectant liquid formulation A	Lauryl dimethylamine oxide [2.5%]	○	○
Colored Olanedine disinfectant liquid formulation B	Decyl dimethylamine oxide [2.5%]	○	○
Colored Olanedine disinfectant liquid formulation C	Myristyl dimethylamine oxide [2.5%]	○	○
Colored Olanedine disinfectant liquid formulation D	Cocoalkyl dimethylamine oxide [2.5%]	○	○

[Figure 6]

	Surfactant [addition amount]	Initial cell count	Log reduction	
			30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	10 ^{4.7}	>3.7	>3.7
Colored Olanedine disinfectant liquid formulation A	Lauryl dimethylamine oxide [2.5%]		>3.7	>3.7
Colored Olanedine disinfectant liquid formulation B	Decyl dimethylamine oxide [2.5%]		>3.7	>3.7
Colored Olanedine disinfectant liquid formulation C	Myristyl dimethylamine oxide [2.5%]		>3.7	>3.7
Colored Olanedine disinfectant liquid formulation D	Cocoalkyl dimethylamine oxide [2.5%]		>3.7	>3.7

[Figure 7]

Test Number	LDAO	Lauromacrogol	LDAO ratio	30 sec	60 sec
1	2.00	0.0	1.00	○	○
2	2.40	0.0	1.00	○	○
3	2.91	0.0	1.00	○	○
4	1.07	1.0	0.52	○	○
5	1.44	1.5	0.49	○	○
6	1.07	1.6	0.40	○	○
7	0.64	1.5	0.30	○	○
8	0.80	2.0	0.29	○	○
9	0.64	2.0	0.24	○	○
10	0.48	2.0	0.19	○	○
11	0.45	2.0	0.18	○	○
12	0.40	2.0	0.17	×	○
13	0.32	2.0	0.14	×	○
14	0.64	4.0	0.14	×	○
15	0.21	1.6	0.12	×	○
16	0.21	2.0	0.10	×	○
17	0.21	4.0	0.05	×	×
18	0.00	2.0	0.00	×	○

[Figure 8]

Test Number	LDAO	Lauromacrogol	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	$10^{4.9}$	>3.9	>3.9
1	2.00	0.0	1.00		>3.9	>3.9
18	0.00	2.0	0.00		2.3	>3.9

Test Number	LDAO	Lauromacrogol	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	$10^{5.2}$	>4.2	>4.2
3	2.91	0.0	1.00		>4.2	>4.2
4	1.07	1.0	0.52		>4.2	>4.2
6	1.07	1.6	0.40		>4.2	>4.2
7	0.64	1.5	0.30		>4.2	>4.2
15	0.21	1.6	0.12		3.9	>4.2
16	0.21	2.0	0.10		3.4	>4.2
17	0.21	4.0	0.05		1.8	3.6

Test Number	LDAO	Lauromacrogol	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	$10^{5.0}$	>4.0	>4.0

[Figure 8 cont'd]

2	2.40	0.0	1.00		>4.0	>4.0
5	1.44	1.5	0.49		>4.0	>4.0
11	0.45	2.0	0.18		>4.0	>4.0
12	0.40	2.0	0.17		3.8	>4.0

Test Number	LDAO	Lauromacrogol	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	10 ^{5.0}	>4.0	>4.0
8	0.80	2.0	0.29		>4.0	>4.0

Test Number	LDAO	Lauromacrogol	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	10 ^{5.0}	>4.0	>4.0
9	0.64	2.0	0.24		>4.0	>4.0
10	0.48	2.0	0.19		>4.0	>4.0
13	0.32	2.0	0.14		3.5	>4.0
14	0.64	4.0	0.14		2.0	>4.0

[Figure 9]

Test Number	LDAO	POE(20) POP(4) cetyl ether	LDAO ratio	30 sec	60 sec
1	0.80	3.6	0.18	○	○
2	0.48	3.6	0.12	○	○
3	0.00	3.6	0.00	×	×

[Figure 10]

Test Number	LDAO	POE(20) POP(4) cetyl ether	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	$10^{4.2}$	>3.2	>3.2
1	0.80	3.6	0.18		>3.2	>3.2
2	0.48	3.6	0.12		>3.2	>3.2

	LDAO	POE(20) POP(4) cetyl ether	LDAO ratio	Initial cell count	Log reduction	
					30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-	-	$10^{4.7}$	>3.7	>3.7
3	0.00	3.6	0.00		1.7	2.7

[Figure 11]

Test Number	LDAO	Lauromacrogol	POE(20) POP(4) cetyl ether	LDAO ratio	30 sec	60 sec
1	1.60	1.0	1.0	0.44	○	○
2	1.44	1.5	2.0	0.29	○	○
3	0.96	1.5	1.0	0.28	○	○
4	0.80	2.0	1.0	0.21	×	○
5	0.64	1.0	2.5	0.15	×	○
6	0.32	1.0	2.5	0.08	○	○
7	0.21	2.0	1.0	0.07	×	○
8	0.21	2.0	1.5	0.06	×	○

[Figure 12]

Test Number	LDAO	Lauromacrogol	POE(20) POP(4) cetyl ether	LDAO ratio	Initial cell count	Log reduction	
						30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-		-	10 ^{5.4}	>4.4	>4.4
1	1.60	1.0	1.0	0.44		>4.4	>4.4
3	0.96	1.5	1.0	0.28		>4.4	>4.4

Test Number	LDAO	Lauromacrogol	POE(20) POP(4) cetyl ether	LDAO ratio	Initial cell count	Log reduction	
						30 seconds	60 seconds
Colorless Olanedine disinfectant liquid formulation	-	-		-	10 ^{4.2}	>3.2	>3.2
2	1.44	1.5	2.0	0.29		>3.2	>3.2
4	0.80	2.0	1.0	0.21		2.7	>3.2
5	0.64	1.0	2.5	0.15		2.4	>3.2
6	0.32	1.0	2.5	0.08		>3.2	>3.2
7	0.21	2.0	1.0	0.07		2.1	>3.2
8	0.21	2.0	1.5	0.06		2.9	>3.2