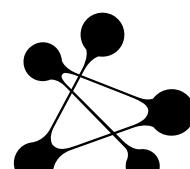




Copper particles based
desinfectant.

6 Labs

+220 Positive results



TEST RESULTS

CHILE	Lab: AINTECH					
PATHOGEN/ ANALISIS	TEST	METHOD	TIME	CONDITIONS	REPORT	RESULTS
Staphylococcus aureus	antimicrobial activity / inhibitory halo	Kirby-Bauer	24 hrs	Sensidiscos	AT-1912001	1 cm
Staphylococcus aureus	non sterile surface / cloth	ATCC 147 moded	72 hrs	Decutec 1:10	AT-1912001	>99.99%
Escherichia coli	non sterile surface / cloth	ATCC 147 moded	72 hrs	Decutec 1:10	AT-1912001	>99.99%
Staphylococcus aureus	non sterile surface / rubber	ATCC 147 moded	72 hrs	Decutec 1:10	AT-1912001	>99.99%
Escherichia coli	non sterile surface / rubber	ATCC 147 moded	72 hrs	Decutec 1:10	AT-1912001	>99.99%
Staphylococcus aureus	non sterile surface / cloth	ATCC 147 moded	72 hrs	Decutec 1:20	AT-1912001	>99.99%
Escherichia coli	non sterile surface / cloth	ATCC 147 moded	72 hrs	Decutec 1:20	AT-1912001	>99.99%
Staphylococcus aureus	non sterile surface / rubber	ATCC 147 moded	72 hrs	Decutec 1:20	AT-1912001	>99.99%
Escherichia coli	non sterile surface / rubber	ATCC 147 moded	72 hrs	Decutec 1:20	AT-1912001	>99.99%
Staphylococcus aureus	non sterile surface / cloth	ATCC 147 moded	72 hrs	Decutec 1:40	AT-1912001	>99.99%
Escherichia coli	non sterile surface / cloth	ATCC 147 moded	72 hrs	Decutec 1:40	AT-1912001	>99.99%
Staphylococcus aureus	non sterile surface / rubber	ATCC 147 moded	72 hrs	Decutec 1:40	AT-1912001	>99.99%
Escherichia coli	non sterile surface / rubber	ATCC 147 moded	72 hrs	Decutec 1:40	AT-1912001	>99.99%
Staphylococcus aureus	microbial contact	ATCC 147 moded	72 hrs	Decutec 1:40	AT-1912001	>99.6%
Escherichia coli	microbial contact	ATCC 147 moded	72 hrs	Decutec 1:10	AT-1912001	>91.0%

TEST RESULTS

CHILE	Lab: INTA Universidad de Chile
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 PATHOGEN/ ANALYSIS	 TEST	 METHOD	 TIME	 CONDITIONS	 REPORT	 RESULTS
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 100%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 100%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 100%	M20/117	>99.99%
Escherichia coli ATCC 8739	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 50%	M20/117	>99.99%
Salmonella enteritidis ATCC 13076	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 50%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 50%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 50%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 50%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 50%	M20/117	>99.99%
Escherichia coli ATCC 8739	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 25%	M20/117	>99.99%
Salmonella enteritidis ATCC 13076	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 25%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 25%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 25%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 25%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 25%	M20/117	>99.99%
Escherichia coli ATCC 8739	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 12,5%	M20/117	>99.99%
Salmonella enteritidis ATCC 13076	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 12,5%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 12,5%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 12,5%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 12,5%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 12,5%	M20/117	>99.99%
Escherichia coli ATCC 8739	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 6,25%	M20/117	>99.99%
Salmonella enteritidis ATCC 13076	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 6,25%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 6,25%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 6,25%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 6,25%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 6,25%	M20/117	>99.99%
Escherichia coli ATCC 8739	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 3,12%	M20/117	>99.99%
Salmonella enteritidis ATCC 13076	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 3,12%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 3,12%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 3,12%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 3,12%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 3,12%	M20/117	>99.99%
Salmonella enteritidis ATCC 13076	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 1,56%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 1,56%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 100%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 100%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 100%	M20/117	>99.99%
Staphylococcus aureus ATCC 6538	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 50%	M20/117	>99.99%
Listeria monocytogenes ATCC 19114	minimum inhibitory concentration	CLSI M26-A	24 hrs	Decutec 50%	M20/117	>99.99%
Candida albicans ATCC 90028	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 50%	M20/117	>99.99%
Aspergillus niger ATCC 16404	minimum inhibitory concentration	CLSI M26-A	72 hrs	Decutec 50%	M20/117	>99.99%

CHILE	Lab: QT Labs					
 PATHOGEN/ ANALYSIS	 TEST	 METHOD	 TIME	 CONDITIONS	 REPORT	 RESULTS
Staphylococcus aureus ATCC 25923	microbial activity in time INOX	MB-25-05 EPA	0 hrs / 0 days	1x10 ⁵ UFC/ml	11066-3	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time INOX	MB-25-05 EPA	72 hrs/3 days	1x10 ⁵ UFC/ml	11068-3	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time INOX	MB-25-05 EPA	120 hrs / 5 days	1x10 ⁵ UFC/ml	11173-2	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time INOX	MB-25-05 EPA	168 hrs / 7 days	1x10 ⁵ UFC/ml	11174-2	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time acrylic	MB-25-05 EPA	0 hrs / 0 days	1x10 ⁵ UFC/ml	11066-3	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time acrylic	MB-25-05 EPA	72 hrs/3 days	1x10 ⁵ UFC/ml	11068-3	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time acrylic	MB-25-05 EPA	120 hrs / 5 days	1x10 ⁵ UFC/ml	11173-2	>99.99%
Staphylococcus aureus ATCC 25923	microbial activity in time acrylic	MB-25-05 EPA	168 hrs / 7 days	1x10 ⁵ UFC/ml	11174-2	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time INOX	MB-25-05 EPA	0 hrs / 0 days	1x10 ⁵ UFC/ml	11066-3	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time INOX	MB-25-05 EPA	72 hrs/3 days	1x10 ⁵ UFC/ml	11068-3	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time INOX	MB-25-05 EPA	120 hrs / 5 days	1x10 ⁵ UFC/ml	11173-2	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time INOX	MB-25-05 EPA	168 hrs / 7 days	1x10 ⁵ UFC/ml	11174-2	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time acrylic	MB-25-05 EPA	0 hrs / 0 days	1x10 ⁵ UFC/ml	11066-3	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time acrylic	MB-25-05 EPA	72 hrs/3 days	1x10 ⁵ UFC/ml	11068-3	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time acrylic	MB-25-05 EPA	120 hrs / 5 days	1x10 ⁵ UFC/ml	11173-2	>99.99%
Pseudomonas aeruginosa ATCC 27853	microbial activity in time acrylic	MB-25-05 EPA	168 hrs / 7 days	1x10 ⁵ UFC/ml	11174-2	>99.99%
copper quantification	amount of copper in Decutec	atomic absorption	24 hrs / 1 day	N/A	PRQLABS0901-02	22.41 ppm
copper quantification	copper permanence on INOX surface with organic material	atomic absorption	168 hrs / 7 days	N/A	PRQLABS0901-03	22.88 ppm
copper quantification	copper permanence on INOX surface with organic material	atomic absorption	168 hrs / 7 days	N/A	PRQLABS0901-04	19.36 ppm

TEST RESULTS

BELGIUM	Lab: Eurofins					
 PATHOGEN/ ANALISIS	 TEST	 METHOD	 TIME	 CONDITIONS	 REPORT	 RESULTS
Aerobes on surfaces	On surface treated with deCutec	ISO 4833-1	24 hrs	2000mg/kg	AR-20JG-029481-01	Not detected
Listeria monocytogenes	On surface treated with deCutes	BRD 07/04-09/98	24 hrs	Treated surface	AR-20JG-029481-01	Not detected

BELGIUM Lab: **SGS**

						
PATHOGEN/ ANALISIS	TEST	METHOD	TIME	CONDITIONS	REPORT	RESULTS
Escherichia coli (ATCC 8739)	microbial activity on plastic	ISO 22196 (2011-08)	7 days	non diluted 500µl per surface	5571698-01_V2	complies with ISO
Staphylococcus aureus (ATCC 6538)	microbial activity on plastic	ISO 22196 (2011-08)	7 days	non diluted 500µl per surface	5571698-01_V2	complies with ISO
Enterococcus hirae (ATCC 10541)	microbial activity on plastic	ISO 22196 (2011-08)	7 days	non diluted 500µl per surface	5571698-01_V2	complies with ISO
Pseudomonas aeruginosa (ATCC 15442)	microbial activity on plastic	ISO 22196 (2011-08)	7 days	non diluted 500µl per surface	5571698-01_V2	complies with ISO

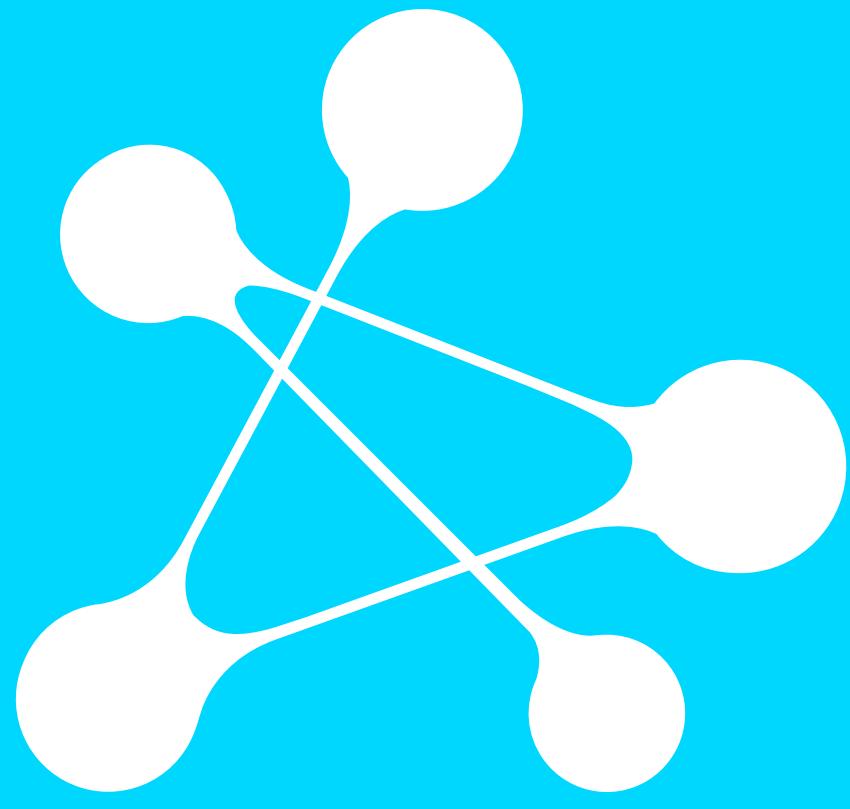
TEST RESULTS

ITALY	Lab: MERIEUX NutriSciences
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 PATHOGEN/ ANALYSIS	 TEST	 METHOD	 TIME	 CONDITIONS	 REPORT	 RESULTS
Pseudomonas aeruginosa ATCC 15442	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 50%	20/000244155	>99.99%
Escherichia coli K12 NCTC 10538	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 25%	20/000244155	>99.99%
Listeria monocytogenes ATCC 35152	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 25%	20/000244155	>99.99%
Staphylococcus aureus ATCC 6538	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 25%	20/000244155	>99.99%
Pseudomonas aeruginosa ATCC 15442	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 25%	20/000244155	>99.99%
Escherichia coli K12 NCTC 10538	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 25%	20/000244155	>99.99%
Listeria monocytogenes ATCC 35152	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 25%	20/000244155	>99.99%
Staphylococcus aureus ATCC 6538	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 12,5%	20/000244155	>99.99%
Pseudomonas aeruginosa ATCC 15442	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 12,5%	20/000244155	>99.99%
Escherichia coli K12 NCTC 10538	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 12,5%	20/000244155	>99.99%
Listeria monocytogenes ATCC 35152	bacterial activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 12,5%	20/000244155	>99.99%
Candida albicans ATCC 10231	Anti yeast activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 12,5%	20/000244155	>99.99%
Candida albicans ATCC 10231	Anti yeast activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 12,5%	20/000244155	>99.99%
Candida albicans ATCC 10231	Anti yeast activity with interference	BS EN 1276:2019	24 - 48hrs	Decutec 6,25%	20/000244155	>99.99%
Listeria monocytogenes ATCC 35152	bacterial activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 6,25%	20/000244155	>99.99%
Staphylococcus aureus ATCC 6538	bacterial activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 6,25%	20/000244155	>99.99%
Pseudomonas aeruginosa ATCC 15442	bacterial activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 6,25%	20/000244155	>99.99%
Escherichia coli K12 NCTC 10538	bacterial activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 6,25%	20/000244155	>99.99%
Aspergillus niger ATCC 16404	Anti yeast activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 6,25%	20/000244155	>99.99%
Escherichia coli ATCC 8739	Anti yeast activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 3,12%	20/000244155	>99.99%
Candida albicans ATCC 10231	Anti yeast activity with interference	BS EN 13697:2015 + A1:2019	24 - 48hrs	Decutec 3,12%	20/000244155	>99.99%
Candida albicans ATCC 10231	antiviral activity with interference	UNI EN 14476 A2:2019	24 - 48hrs	Decutec 3,12%	20/000244155	>99.99%
Candida albicans ATCC 10231	antiviral activity with interference	UNI EN 14476 A2:2019	24 - 48hrs	Decutec 3,12%	20/000244155	>99.99%
Adenovirus type 5, strain Adenoid 75 ATCC	antiviral activity with interference	UNI EN 14476 A2:2019	24 - 48hrs	Decutec 3,12%	20/000244155	>99.99%
Adenovirus type 5, strain Adenoid 75 ATCC	antiviral activity with interference	UNI EN 14476 A2:2019	24 - 48hrs	Decutec 3,12%	20/000244155	>99.99%
Adenovirus type 5, strain Adenoid 75 ATCC	antiviral activity with interference	UNI EN 14476 A2:2019	24 - 48hrs	Decutec 1,56%	20/000244155	>99.99%
Vaccinia virus, strain Ankara ATCC-VR-1508	antiviral activity with interference	UNI EN 14476 A2:2019	24 - 48hrs	Decutec 1,56%	20/000244155	>99.99%
Murine norovirus MNV Strain 599	antiviral activity with interference	UNI EN 14476 +A2:2019	24 - 48hrs	Decutec 75%	20/00384749	>99.99%
Murine norovirus MNV Strain 599	antiviral activity with interference	UNI EN 14476 +A2:2019	24 - 48hrs	Decutec 25%	20/00384749	>99.99%
Murine norovirus MNV Strain 599	antiviral activity with interference	UNI EN 14476 +A2:2019	24 - 48hrs	Decutec 5%	20/00384749	>99.99%
Human Coronavirus 229E ATCC VE-740	antiviral activity with interference	UNI EN 14476 +A2:2019	24 - 48hrs	Decutec 75%	20/000384754	>99.99%
Human Coronavirus 229E ATCC VE-740	antiviral activity with interference	UNI EN 14476 +A2:2019	24 - 48hrs	Decutec 25%	20/000384754	>99.99%
Human Coronavirus 229E ATCC VE-740	antiviral activity with interference	UNI EN 14476 +A2:2019	24 - 48hrs	Decutec 5%	20/000384754	>99.99%

ITALY	Lab: MERIEUX NutriSciences
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 PATHOGEN/ ANALYSIS	 TEST	 METHOD	 TIME	 CONDITIONS	 REPORT	 RESULTS
Human coronavirus 229E	minimum inhibitory concentration	UNI EN 14476+A2:2019	30 min	0,3 g/l bovine albumin	20/000384754	Virus not detected
Human coronavirus 229E	minimum inhibitory concentration	UNI EN 14476+A2:2019	60 min	0,3 g/l bovine albumin	20/000384754	Virus not detected
Murine norovirus MNV	minimum inhibitory concentration	UNI EN 14476:2019	30 min	0,3 g/l bovine albumin	20/000384749	Virus not detected
Murine norovirus MNV	minimum inhibitory concentration	UNI EN 14476:2019	60 min	0,3 g/l bovine albumin	20/000384749	Virus not detected



deCuteC®

Test results

2019–2021

