

Replace:

Valid from: 101006

Edition :A

Issued date: 2010-10-06	Name 	Clarification of signature Lars Karlsson
Reviewed and approved date: 2010-10-06	Name 	Clarification of signature Paul Storr

Scope:

Verify the effectiveness of the Anti Algae solution, BW-50-029 used in BW-50-XXX "One Year Water Mattresses".

Setup:

A one year water mattress, BW-50-103, was filled with tap water and one bottle of Anti Algae solution (BW-50-029).

The water mattress was placed on a Baby Warmer heating pad and the control unit was set to 37°C. The device was then covered with a blanket keeping it blocked from direct sunlight.

Test started 1st of September 2009 and ended in August 2010. Samples were taken at three different times and were sent to Eurofins, an accredited laboratory by SWEDAC for analysis.

First sample of water solution was sent to the laboratory 15th of October 2009 and results arrived the 22nd. The water had then been held in a controlled temperature of 37°C for 6 weeks before sending to Eurofins.

Analyzed:	Result:	Unit of measurement:	Method / Ref:
E.Coli	<1	/100ml	SS 028167-2
Microorganism at 22°C, 3 days	<1	/ml	SS EN ISO 6222
Heterotrophs Bacteria,35°C, 2 days	<1	Amount/ml	SS 028171-1
Pseudomonas aeruginosa	<1	Amount/100ml	SS EN 12780-1

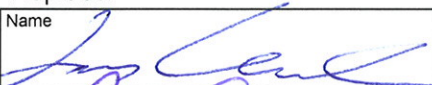

A second sample was sent to the laboratory the 14th of January 2010 with extended tests.

Analyzed:	Result:	Unit of measurement:	Method / Ref:
E.Coli	<1	/100ml	SS 028167-2
Microorganism at 22°C, 3 days	<1	/ml	SS EN ISO 6222:1999
Heterotrophs Bacteria,35°C, 2 days	<1	Amount/ml	SS 028171-1
Pseudomonas aeruginosa	<1	Amount/100ml	SS EN ISO 16266:2008
Micro fungus	<1	Cfu/100ml	SS 028192 Rev1
Micro fungus yeast	<1	Cfu/100ml	SS 028192 Rev1
Micro fungus mould	<1	Cfu/100ml	SS 028192 Rev1
Actinomycetales	<10	Cfu/100ml	SS 028212-1

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The final and third sample was taken the 24th of August 2010 (one year after start).

Analyzed:	Result:	Unit of measurement:	Method / Ref:
E.Coli	<1	/100ml	SS 028167-2
Microorganism at 22°C, 3 days	<1	/ml	SS EN ISO 6222:1999
Heterotrophs Bacteria,35°C, 2 days	<1	Amount/ml	SS EN ISO 6222:1999
Pseudomonas aeruginosa	<1	Amount/100ml	SS EN ISO 16266:2008
Micro fungus	<1	Cfu/100ml	SS 028192 Rev1
Micro fungus yeast	<1	Cfu/100ml	SS 028192 Rev1(1989)
Micro fungus mould	<1	Cfu/100ml	SS 028192 Rev1
Actinomycetales	<1	Cfu/100ml	SS 028212-1

Conclusion:

The results from the water analysis show that the Kanmed Anti Algae solution, BW-50-029, prevents organisms from "growing" in the water over a timeframe of a year.

By filling the Kanmed One Year Water Mattress with tap water and one bottle of Anti Algae solution, BW-50-029, the water will stay free from growing bacteria's and fungus.