

BactiBlock® as Antiviral

Filler Content (% BactiBlock)	[Ag +] in ppm	<i>Salmonella enterica</i> Colony - forming unit per milliliter Log (UFC/mL)	<i>Feline calicivirus</i> Colony - forming unit per milliliter Log (UFC/mL)
0	0	8,15	4,64
0,24	12,11	<1*	4,96
0,42	20,83	<1*	2,46
10,48	524,28	<1*	<1**

Filler Content (% BactiBlock)	[Ag +] in ppm	<i>E. Coli</i> Colony - forming unit per milliliter Log (UFC/mL)	<i>Norovirus</i> Colony - forming unit per milliliter Log (UFC/mL)
0	0	8,04	5,46
0,01	0,67	4,15	5,71
0,02	0,91	<1*	3,46
3,06	153,60	<1*	<1**

Log (UFC/mL): Estimated bacterial or virus numbers

**Bactericide*

***Virucide*

Conditions: 24 hrs incubation at 100% RH
Date of Analysis: 2012

Tests Results from active PLA composites

Antimicrobial and antiviral capacity of PLA films,
according to tests methods adapted from the JIS Z 2801.

TESTED EXTERNALLY AT CSIC