Stability of Listeria bacteriophage P100

In this report data is presented on the stability of Listeria bacteriophage P100. A batch phages is produced in L. innocua 2627, purification is done by PEG6000 precipitation and the phages are stored at 4°C in 1xPBS pH 7.4 and he batch contains 6 $x10^{10}$ pfu/ml. During storage time the batch is used as a positive control for bacteria condition and plaque formation in phage titration.

Data retrieved from titration experiments are listed in the table below.

Phage titers (pfu/ml)

14/jul/2004	6.0 $x10^{10}$
05/oct/2004	5.4 $x10^{10}$
15/nov/2004	7.4 $x10^{10}$
12/jan/2005	5.8 $x10^{10}$
16/sep/2005	6.9 $x10^{10}$
11/oct/2005	6.4 $x10^{10}$
13/oct/2005	6.6 $x10^{10}$
20/oct/2005	6.6 $x10^{10}$
24/oct/2005	6.5 $x10^{10}$
27/oct/2005	8.0 $x10^{10}$
01/nov/2005	7.0 $x10^{10}$
07/nov/2005	6.7 $x10^{10}$
15/nov/2005	6.9 $x10^{10}$
29/nov/2005	6.8 $x10^{10}$
12/dec/2005	5.6 $x10^{10}$
15/dec/2005	7.3 $x10^{10}$
27/jan/2006	7.0 $x10^{10}$