

**Bacteriophage PBP1, Infectious for *Bacillus pumilus***

**Catalog No. HM-615**

**Product Description:** Bacteriophage PBP1 (HMP ID 9758) is a reference genome for The Human Microbiome Project (HMP).

**Lot<sup>1</sup>: 60076181**

**Manufacturing Date: 03NOV2011**

TEST	SPECIFICATIONS	RESULTS
<b>Plaque Morphology<sup>2</sup></b>	Report results	Circular and clear
<b>Titer (Post-vial)</b> Plaque-forming units (pfu) with <i>Bacillus pumilus</i>	>10 <sup>6</sup> pfu per mL	3 x 10 <sup>9</sup> pfu per mL
<b>Sterility</b>	0.22 µm filtered	0.22 µm filtered
<b>Bacterial Inactivation</b> 10% of total yield plated on Tryptic Soy Agar with 5% defibrinated sheep blood <sup>3</sup>	No viable bacteria detected	No viable bacteria detected

<sup>1</sup>The deposited material was added to an LB soft agar overlay (0.5%) supplemented with 10 mM MgSO<sub>4</sub> containing the phage host, *Bacillus pumilus*, strain 706S. The soft agar overlay was added to an LB Agar kolle supplemented with 10 mM MgSO<sub>4</sub> and incubated 24 hours at 30°C in an aerobic atmosphere. After four passages the phage was harvested to produce this lot.

<sup>2</sup>Lysis was observed on the soft agar overlay after 24 hours at 37°C in an aerobic atmosphere

<sup>3</sup>7 days at 37°C in an aerobic atmosphere

**Date:** 27 APR 2012

**Signature:**



**Title:** Technical Manager, BEI Authentication or designee

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