

Certificate of Analysis for HM-673

Bacteriophage Phi05_1387UV/Ec1457, Infectious for Escherichia coli

Catalog No. HM-673

www.beiresources.org

Product Description: Bacteriophage phi05_1387UV/Ec1457 was derived from a blood sample taken from a patient with septicemia.

Lot^{1,2}: 60185062 Manufacturing Date: 25AUG2011

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology ³	Report results	Circular and clear
Titer ³ Plaque-forming units (pfu) with Escherichia coli	>10 ⁶ pfu per mL	8 x 10 ⁷ pfu per mL
Sterility	0.22 µm sterile-filtered	0.22 µm sterile-filtered

¹Quality control of HMP material is only performed to demonstrate that the product distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited material.

Date: 07 MAY 2014 Signature:

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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²The deposited material was added to a Luria-Burtani (LB) soft agar overlay (0.5%) supplemented with 10 mM MgSO₄ containing the phage host, *Escherichia coli*, strain Ec1457. The soft agar overlay was added to LB kolles supplemented with 10 mM MgSO₄ and incubated 24 hours at 30°C in an aerobic atmosphere. One additional passage occurred under the above conditions. Bacteriophage were harvested with LB broth after each passage, filtered and pooled to produce this lot.

³Lysis was observed on the soft agar overlay after 24 hours at 30°C in an aerobic atmosphere.