

Bacteriophage GRCS, Infectious for *Staphylococcus aureus*

Catalog No. HM-698

Product Description: Bacteriophage GRCS was isolated in India from raw sewage taken from a municipal sewage treatment system.

Lot¹: 60209466

Manufacturing Date: 03NOV2011

TEST	SPECIFICATIONS	RESULTS
Plaque Morphology²	Report results	Circular and clear
Titer (Post-vial) Plaque-forming units (pfu) with <i>S. aureus</i>	>10 ⁶ pfu per mL	1 x 10 ⁸ pfu per mL
Sterility	0.22 µm filtered	0.22 µm filtered
Bacterial Inactivation 10% of total yield plated on Tryptic Soy Agar with 5% defibrinated sheep blood ³	No viable bacteria detected	No viable bacteria detected

¹The deposited material was added to an LB soft agar overlay (0.5%) supplemented with 10 mM MgSO₄ containing the phage host, *S. aureus*, strain HFH-29994 (ATCC[®] BAA-1681™). The soft agar overlay was added to an LB Agar kolle supplemented with 10 mM MgSO₄ and incubated 24 hours at 30°C in an aerobic atmosphere. After two passages the phage was harvested to produce this lot.

²Lysis was observed on the soft agar overlay after 24 hours at 30°C in an aerobic atmosphere.

³7 days at 37°C in an aerobic atmosphere

Date: 08 MAY 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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