

## Bacteriophages

Bacteriophages, commonly known as phages, are viruses that specifically infect bacteria. They consist of a protein coat surrounding genetic material, either DNA or RNA. Phages play a crucial role in regulating bacterial populations and can be found in various environments, including soil and oceans. Due to their specificity, they are being explored as potential therapeutics for bacterial infections, especially in the face of rising antibiotic resistance.

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### Product Information

Creative Enzymes offers bacteriophage products specifically designed for applications in the food and aquaculture industries. These innovative solutions aim to enhance food safety and improve the health of aquatic species by targeting and eliminating harmful bacteria.

Cat No.	Product Name
BPEL-015	<a href="#">Bacteriocin TS</a>
BPEL-014	<a href="#">Mixed Feed Additive Probiotics</a>
BPEL-013	<a href="#">Bacteriophage Modifier for agricultural cultivation environment</a>
BPEL-012	<a href="#">Aquaculture Gut Protector</a>
BPEL-011	<a href="#">Phage-Based Water and Sediment Improver</a>
BPEL-010	<a href="#">Elisabethella Lysate</a>
BPEL-009	<a href="#">Phage Mate</a>
BPEL-008	<a href="#">Compound Bacterial Lysate</a>
BPEL-007	<a href="#">Aquaculture intestinal and liver protective agent</a>
BPEL-006	<a href="#">Composite Aquaculture Antibacterial Agent</a>
BPEL-005	<a href="#">Vibrio Control Compound Agent</a>
BPEL-004	<a href="#">Vibrio harveyi Lysate</a>
BPEL-003	<a href="#">Vibrio alginolyticus Lysate</a>
BPEL-002	<a href="#">Vibrio parahaemolyticus lysate</a>
BPEL-001	<a href="#">Salmonella Bacteriophages (food grade).</a>

### Applications

- Phage Therapy: Utilizing phages to treat bacterial infections, especially those resistant to antibiotics.
- Food Safety: Employing phages to eliminate harmful bacteria in food products, enhancing food safety.
- Biocontrol: Using phages in agriculture to control bacterial diseases in crops.
- Diagnostics: Developing rapid detection methods for bacterial pathogens.
- Genetic Engineering: Utilizing phages as tools in molecular biology for gene delivery and manipulation.

Creative Enzymes also provides other [products](#) for research or industry uses. Please [contact us](#) for any needs.