

## Rhodopseudomonas palustris

Cat. No. PRBT-125

Lot. No. (See product label)

### Introduction

#### Description

Rhodopseudomonas palustris is a purple non-sulfur photosynthetic bacterium widely distributed in various wetlands and anaerobic environments. This bacterium possesses diverse metabolic capabilities, allowing it to perform both photosynthesis under light conditions and chemosynthesis in the absence of light. As a probiotic in animal feed, Rhodopseudomonas palustris can alter the gut microbiota structure, promoting the growth of beneficial probiotics within the intestines. It can also enhance disease resistance and improve the yield of aquatic animals by enhancing water quality. In dairy cattle farming, the addition of Rhodopseudomonas palustris and Bacillus licheniformis preparations to cattle feed has been shown to significantly improve production traits, daily feed intake, milk yield, and feed conversion rates.

### Product Information

#### Form

powder