

ROETECH[®] 103

ROETECH 103 is a highly concentrated mixture of multiple Bacillus bacteria. The blend exclusively contains bacteria which can grow over a wide temperature range of 5°C - 55°C.

Applications for **ROETECH 103** include wastewaters which have either unusually low or unusually high temperatures or wide fluctuations in temperature. Examples include aeration basins, lagoons with seasonal fluctuations and pretreatment of food processing wastewater.

ROETECH 103 is also ideal for use as a biological accelerator in composting.



PRODUCT SPECIFICATIONS

103 (Powder) 103 L (Liquid)

Bacteria Count	CFU/gram or ml
A. 1 billion.....	10 ⁹
B. 10 billion.....	10 ¹⁰
Enzymes Produced*	
Protease	
Lipase	
Amylase	
Urease	
Cellulase	
Nitrate Reductase	
pH range.....	6 - 10
temperature range.....	5° C - 55° C
oxygen requirements.....	aerobic

Product Benefits

Routine use of ROETECH 103 will:

- Reduce BOD
- Reduce Suspended Solids
- Control Odor
- Lower FOG
- Reduce Sludge Volume
- Improve start up and recovery from shock loading

High levels of these and other enzymes produced* by the Bacillus strains in 103 result in an extremely effective and versatile blend with many uses and applications.