

THERMOPHILIC

Meaning: Thermophilic refers to organisms, particularly bacteria or microorganisms, that thrive at high temperatures, typically above 45°C (113°F).

1. Thermophilic bacteria thrive in environments with high temperatures, often found in hot springs.
2. The research focused on thermophilic microorganisms that can break down complex organic materials.
3. In the biofuel industry, thermophilic enzymes are crucial for improving the efficiency of biomass conversion.
4. Scientists are studying thermophilic species to better understand their unique adaptations to extreme heat.
5. The presence of thermophilic organisms in compost piles can accelerate the decomposition process significantly.

Source: sentences.whatistheurl.com

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