

FIG.1

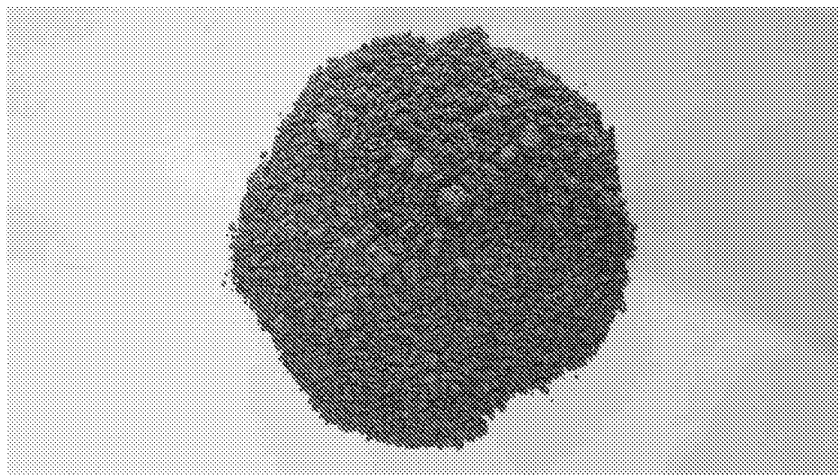


FIG.2A

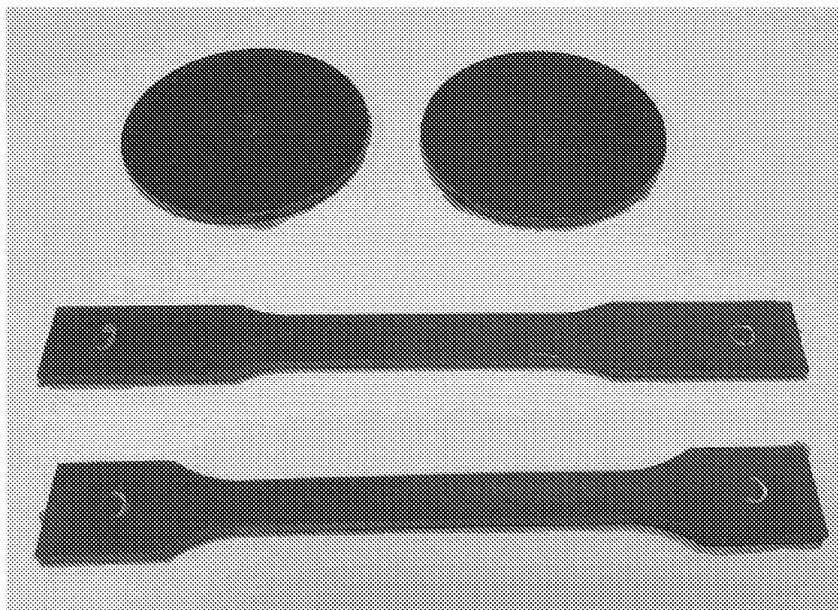


FIG.2B

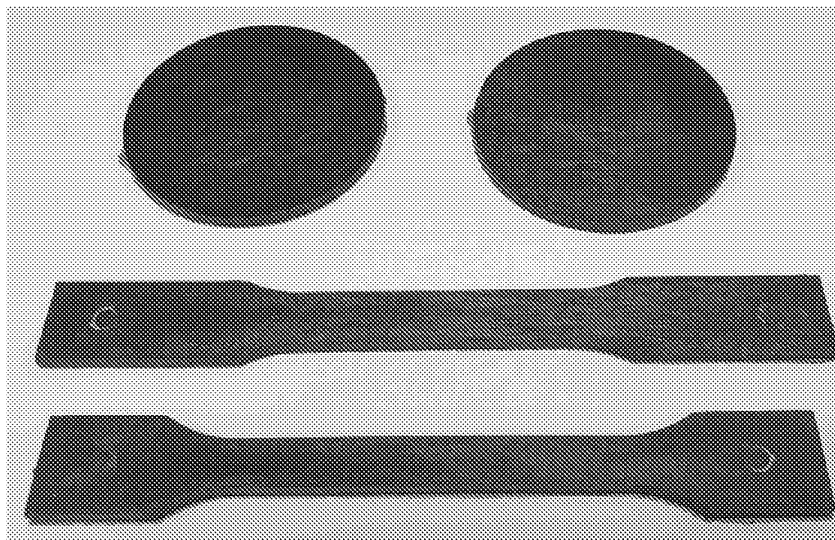


FIG.2C

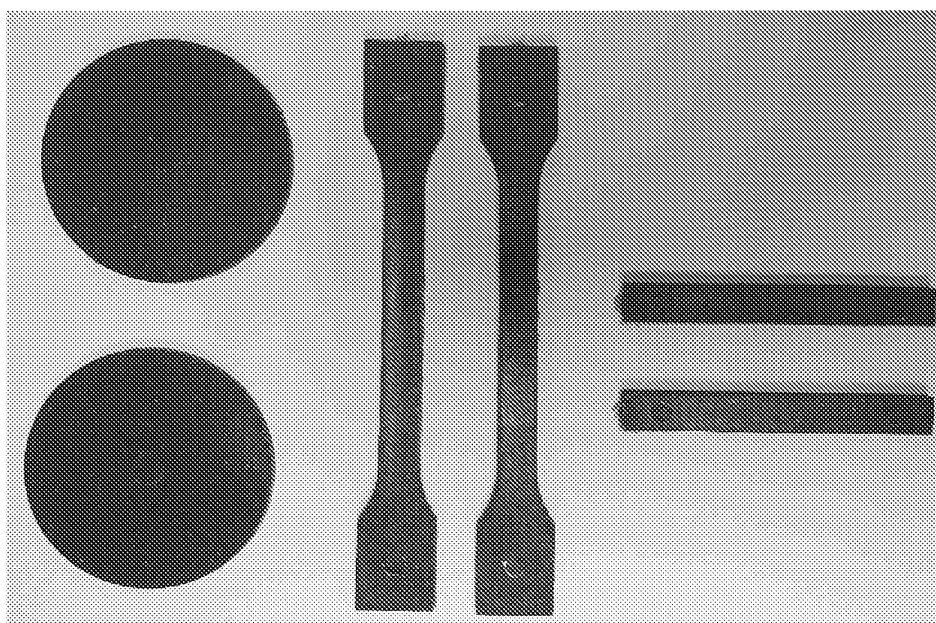


FIG. 3

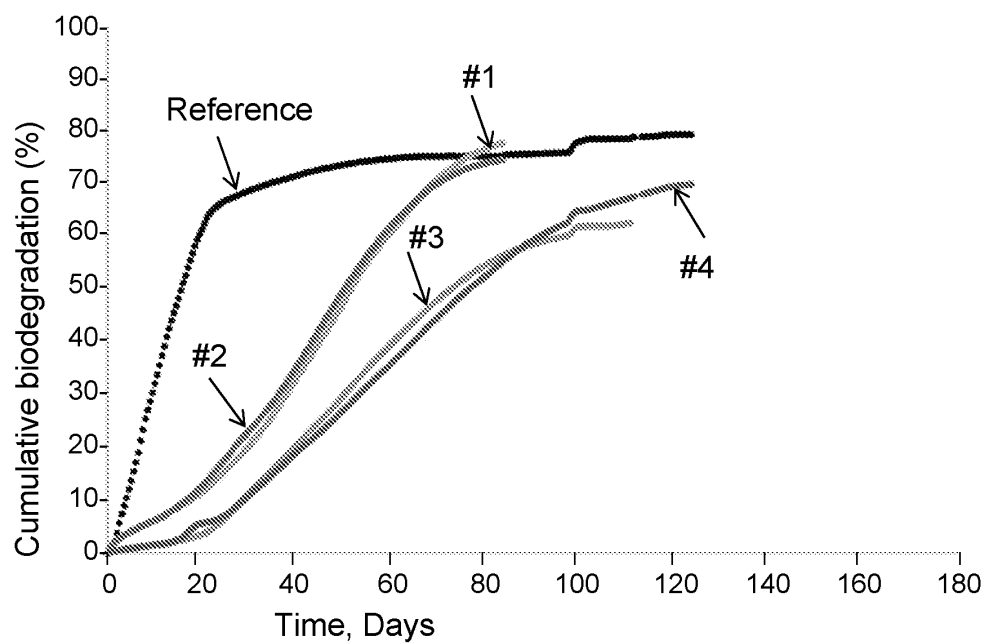


FIG. 4A

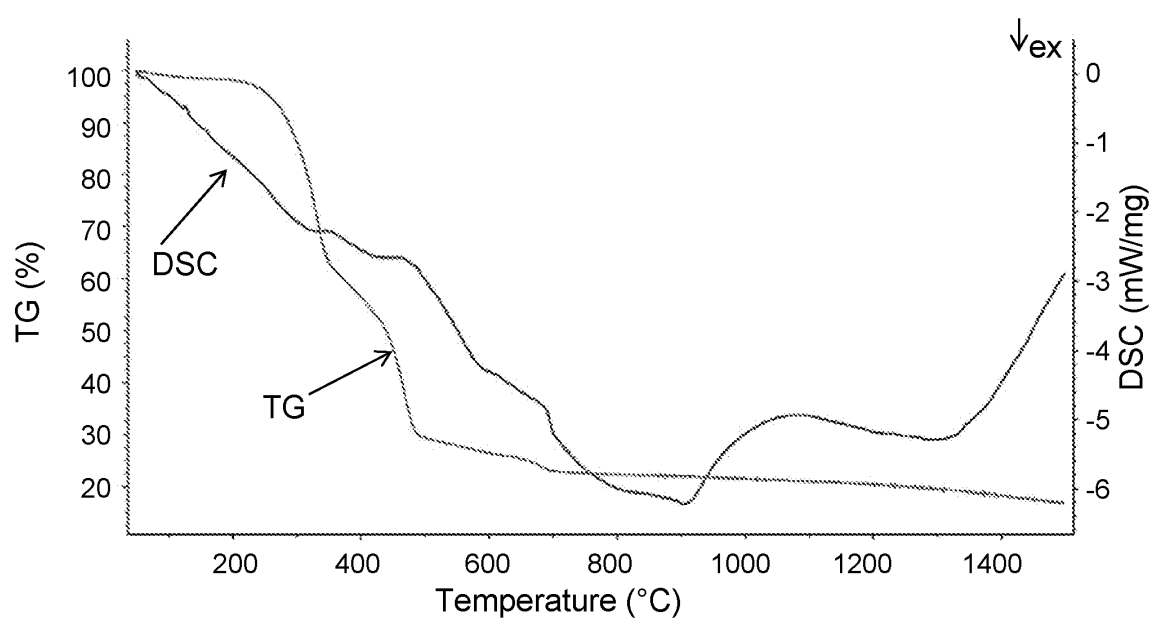


FIG. 4B

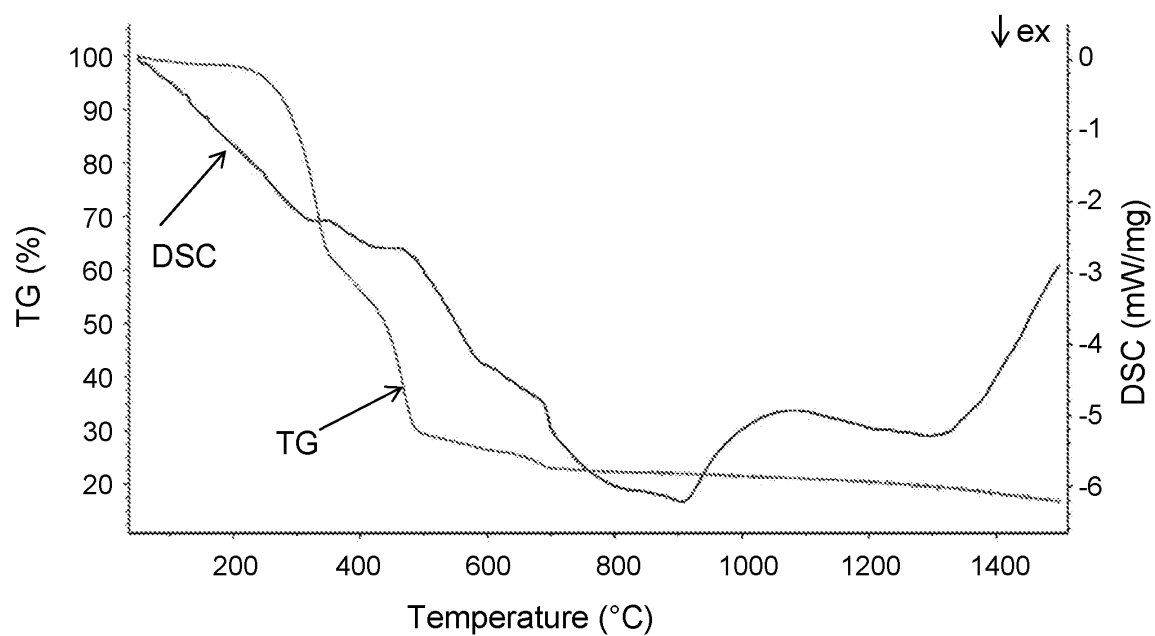


FIG. 4C

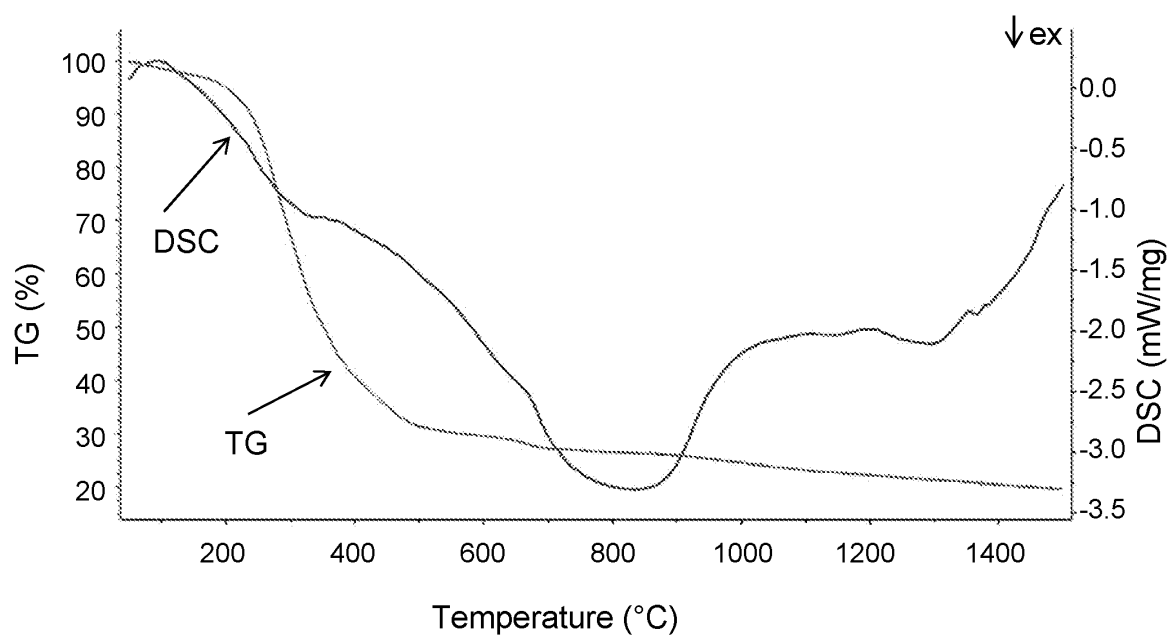


FIG. 4D

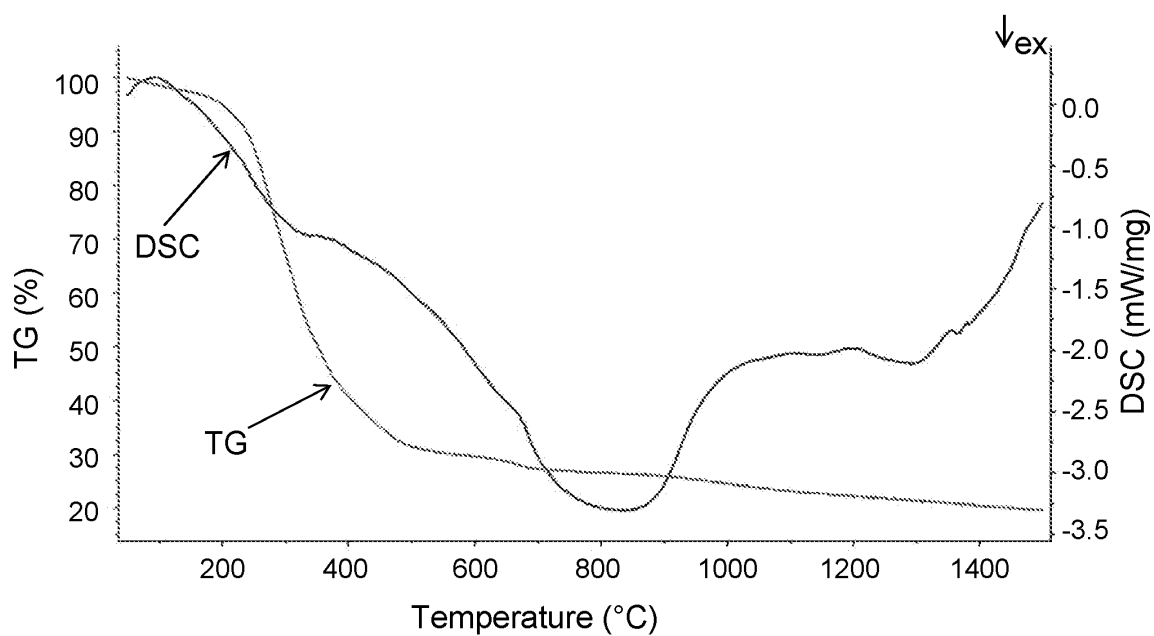


FIG. 5

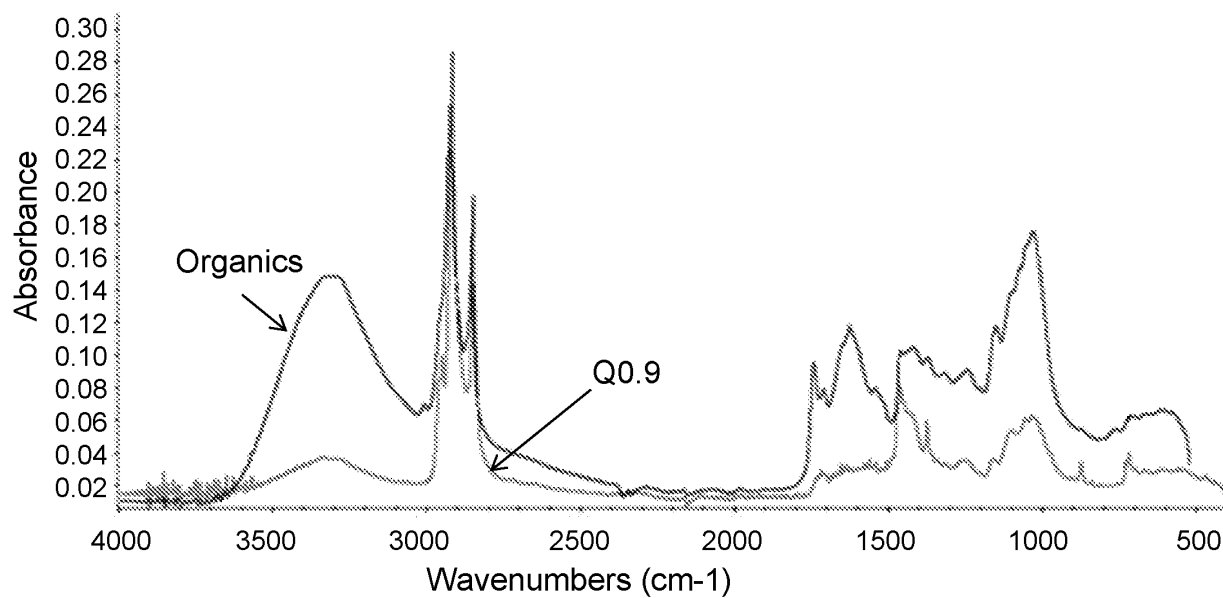


FIG. 6

$$\begin{aligned}
 BE_{CH_4, SWDS, y} &= \phi_y \times (1 - f_y) \times GWP_{CH_4} \times (1 - OX) \times \frac{16}{12} \times F \times DOC_{ty} \times MCF_y \times \sum_{x=1}^y \left(W_{jx} \times DOC_j \times e^{-k_j \times (y-x)} \times (1 - e^{-k_j}) \right) \\
 &\quad \text{Model Correction Factor: (10)} \\
 &\quad \text{Fraction of Methane Captured at SWDS: (20)} \\
 &\quad \text{Methane's Global Warming Potential Impact: (30)} \\
 &\quad \text{Oxidation Factor: (40)} \\
 &\quad \text{Conversion of Carbon to Methane: (50)} \\
 &\quad \text{Fraction of Methane at SWDS: (60)} \\
 &\quad \text{Fraction of Degradable Organic Carbon That can Decompose: (70)} \\
 &\quad \text{Methane Correction Factor: (80)} \\
 &\quad \text{Differentiating Time Horizons: (90)} \\
 &\quad \text{Differentiating Waste Types: (100)} \\
 &\quad \text{Amount of SW type j prevented from Disposal in a SWDS: (110)} \\
 &\quad \text{Fraction of Degradable Organic Carbon in the Waste Type: (120)} \\
 &\quad \text{Decay Rate by the Waste Type: (130)} \\
 &\quad \text{Time Horizon under Review: (140)} \\
 &\quad \text{Decay Rate by the Waste Type: (130)}
 \end{aligned}$$