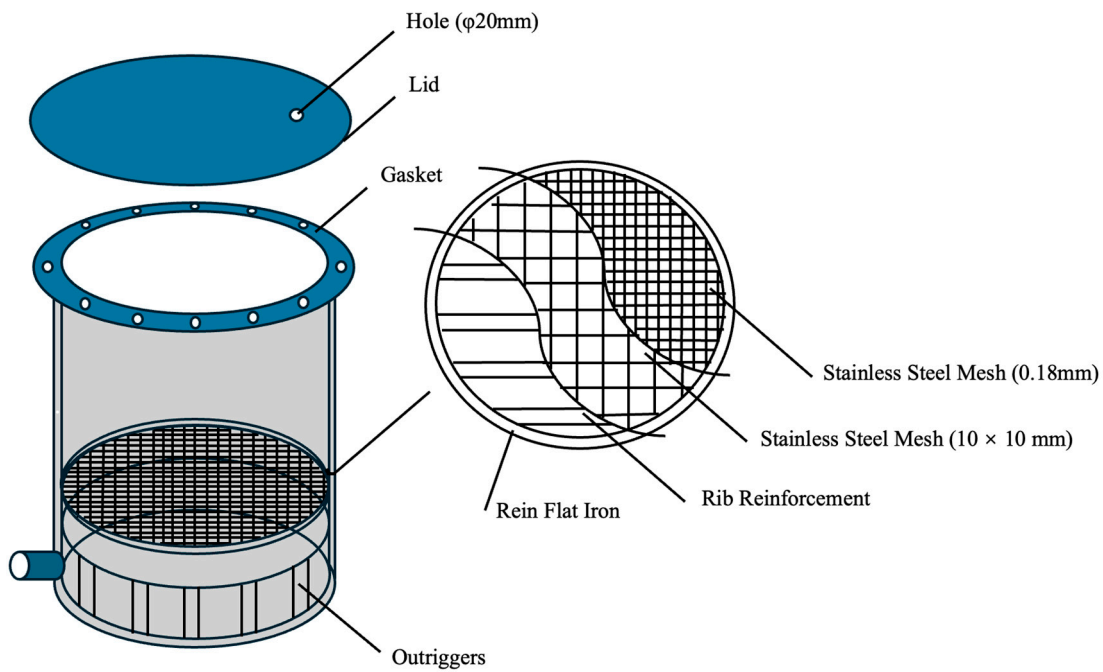


**Table S1** The characteristics of the raw materials.

Materials	Moisture (%)	pH	EC (μs/cm)
Mushroom residue	36.8	7.43	5140
Mature compost	32.9	6.79	1944
Algal slurry	74.6	8.59	1260



**Figure S1** Diagram of compost reactor.