

1. Compliance with ISO Standard

Applicable Standard: ISO14855-2

Materials tested:

Customer Name: SAIDA UMS INC

Column NO.1: PBS

Test No. 2010032300001

Column NO.2: PBS

Day of Start: 23/Mar/2010

Column NO.3: Cellulose

Day of Finish: 07/May/2010

Column NO.4: Cellulose

Test Material: PBS

Column NO.5: Blank

Form: seat

Column NO.6: Blank

Size: □5mm

Compost: YK-7

Test Place: Office of 7Th Factory

Supplied by Yhatabussann

(SAIDA UMS INC.)

Upper row: Manufacturer & Catalogue No.

Table 1. Compliance with ISO Standard

lower row: Spec

	Items	ISO Standard 14855-2	Test Conditions Applied
Reagents	Soda lime (for CO ₂ absorption)	Particle size 2-4mm	Kanto Chemical / 37089 Particle Size 3.5-5.5mm
	Anhydrous calcium chloride (for water absorption)	Particle size 2-3mm	Kanto Chemical / 07055 Particle Size 2.0-3.0mm
	Soda talc(Sodium hydroxide on a talc support) (for CO ₂ absorption)	Particle size 2-3mm	Merk / 101564 particle size 1.6-3.0mm
	Silica gel (for water absorption)	Particle size 2-4mm	Kanto Chemical / 37039 particle size 1.68-4.00mm
	Sea sand	particle size 20-35mesh	Wako / 196-08175 20-35mesh
	Reference material (Cellulose) (for Positive control)	TLC grade microcrystalline cellulose particle size < 20 μ m	Merck/102330 particle size 10-12 μ m

Inoculum	C/N ratio	15 ※recommended	8
	C/P ratio	30 ※recommended	8
	Water content	65	65
	pH	7.0-9.0	7.06

Amount of Adjustment	Dry solids of inoculum	60g	60g
	Dry solids of the reference material	10g	10g
	Dry solids of the test material	10g	10g
	Sea sand	320g	320g

Other Conditions	Composting vessel	about 500ml	555ml
	Environment Temperature control of compost	58°C±2°C	58°C±2°C
	Air	Carbon dioxide free air	Carbon dioxide free air
	Air flow rate	10-30ml/min	10ml/min