

COMPOSITION OF PALM FRUIT REFUSE

		Shell (%)	Dry shell (%)	Fibre (%)	Dry fibre (%)
Volatile matter		71	78.05	75.8	83.4
Coke		20	21.95	15.1	16.6
Ash		0.7	0.75	3.0%	3.27
Fixed carbon		19.3	21.2	12.1	13.33
Water		9.0	-	9.1	-
Gross calorific value	Btu lb ⁻¹	8 128	8 930	7 179	7 900
	kcal kg ⁻¹	18 906	20 771	16 698	18 375
	kJ kg ⁻¹	4 516	4 962	3 989	4 389
Nett calorific value	Btu lb ⁻¹	7 568	-	6 627	-
	kcal kg ⁻¹	17 603	-	15 414	-
	kJ kg ⁻¹	4 205	-	3 682	-

Source: Unilever (1945).