Table 5a. Calorific value and digestible energy[1] (%) of some plant and animal-based feedstuffs for subadult North African catfish *Clarias gariepinus*

Feed ingredient	Calorific value (kJ/g)	DE % ± SD[2]
A. Animal origin		
North African catfish meal	21.3	81.2 ± 0.9
White fishmeal 68% protein	20.3	80.0 ± 0.8
Brown fishmeal 62% protein	20	82.3 ± 0.6
Carcass (meat and bone) meal	14.4	80.4 ± 0.9
B. Plant origin		
Prime maize gluten	23.6	78.3 ± 0.5
Full fat soya (cooked)	23.3	78.3 ± 0.4
Brewer's yeast grain	19.3	65.3 ± 0.8
Germ meal (yellow maize)	18.5	63.2 ± 0.6
Soya flour (cooked)	18.3	75.8 ± 0.6
Sifted white maize meal	17.8	85.4 ± 0.8
Sunflower oil seed cake	17.8	63.8 ± 0.4
Wheat (cooked)	17.6	80.2 ± 0.5
Super maize meal (white)	17.5	79.5 ± 0.3
Grain sorghum	17.4	74.3 ± 0.9
Cotton oilseed cake	17.1	73.6 ± 0.9
Spirulina (single-cell algae)	17	81.3 ± 0.7
Wheat bran	17	76.2 ± 0.7
Yellow maize meal	16.2	75.8 ± 0.8
Sifted yellow maize meal	16.1	73.8 ± 0.6
Dehydrated lucerne meal	15.3	45.8 ± 0.8
C. Mycoprotein		
Geotrichium	17.7	78.8 ± 0.8

[1]DE = Gross energy - faecal energy (Jobling, 1983).
Source: Rouhani (1993)