

27.36 Seed Composition and Oil Quality of Niger

Constituent	Range
Oil %	30.0 – 32.4
Crude-protein %	26.0 – 30.6
I.V	112.8 – 129.0
Refractive index at 25°C	1.4695 – 1.4722
Unsaponifiables %	0.2 – 1.7
Colour of the oil	3Y + 0.6R
16:0 %	6.0 – 9.4
18:0 %	5.0 – 7.5
18:01	13.4 – 39.3
18:02	45.4 – 65.8
20:00	0.2 – 1.0

Source: Nagaraj, G. 1995. Quality and utility of oilseeds. DCR, Hyderabad