

27.30 Quality Characteristics of Sesame Oil

Constituent	Composition
Oil %	48.8 - 49.1
Sp. Gravity of oil	0.992 - 0.924
Refractive index 25oC	1.4760 - 1.4770
Acid value	1.1 - 2.2
I.V	103.6 - 112.8
S.V	188.6 - 191.2
FFA %	1-3
Unsaponifiables %	1.4 - 2.5
16:0 %	8.4 - 11.9
18:0 %	3.5 - 7.9
20:0 %	0 - 1.4
18:1 %	34.6 - 47.3
18:2 %	27.9 - 47.2
18:3 %	0 - 1.6

Source: Tyagi, P. and Vasishtha, A.K. 1983. Component fatty acids and glycerides of oils from different genetic varieties of *Sesamum indicum*. J. Oil Technol. Assoc. India 15:28-32.