



### Vegetable Oil

Free fatty acid (as palmitic) – 0.1 % max  
 Moisture & Impurities - 0.1 % max  
 Iodine value (Wijs method) – 56 min.  
 Slip melting point – 24 deg C max.  
 Colour (51/4 Lovibond cell) 3 red max

### Crude Palm Oil for Biodiesel



FFA (As Oleic) ..... 3%max  
 Moisture / Impurities ..... 0.5% max  
 Refraction Index ..... 719- 1.4740 25C  
 Iodine Index ..... 120-144  
 Saponification Number ..... 187/192  
 Non Saponification matter ..... 1.0% max  
 Soluble in petroleter ..... 0.3%  
 max Flash point ..... 121C min  
 Peroxide ..... 2.0 MEQ O2/KG

### Refined Palm Oil



Test	A.O.C.S. Method	Range
Iodine value	Cd 1-25	54 max
Free fatty acids	Ca 5a-40	0.10% max
Moisture	Ca 2e-55	0.10% max
Peroxide value	Cd 8-53	1.0 meq/kg
Color Lovibond	Cc 13b-45	Red 3.5 max
Softening point	Cc 3-25	36° - 40° C
Appearance	White to pale yellow solid to semi-solid lard-like fat	
Odour	Bland, odourless	
TYPICAL FATTY ACID COMPOSITION (%)		
C14:0	0.5 - 5.9	C18:1 34 - 44
C16:0	32 - 47	C18:2 7 - 12
C18:0	2 - 8	