

TECHANICAL DATA SHEET - REFINED CASTOR OIL (FSG/BSS)

Sr. No.	Test Parameter	Unit	Specification
1	Appearance	-	Pale Yellow, Viscous Clear Liquid
2	Solubility in Ethyl alcohol	-	Compleat Soluble Without Turbidity
3	Colour in 1" cell,(Y+5R) in Lovibond Tintometer	Units	2.2 Y , 0.3 R max
4	Colour in 5.25" cell, (Y+5R) in Lovibond Tintometer	Units	20.0 Y, 2.0 R max
5	Free Fatty Acid (As Oleic)	%	1.0 max
6	Acid Value	mg KOH/g	2.0 max
7	Moisture	%	0.25 max
8	Insoluble Impurities	%	0.02
9	Specific Gravity at 30 deg C	-	0.954-0.960
10	Refractive Index at 40 deg C	-	1.4700-1.4740
11	Iodine Value(Wij's Method)	g I ₂ / 100 g	82-90
12	Saponification Value	mg KOH/g	177-185
13	Hydroxyl Value	-	158-165
14	Unsaponifiable Matter	%	1.0 max
15	Mineral Oil Test	-	Negative
16	Viscosity	poise	6.0-9.0

Packing	:200 kg Nett MS Drums	-16.0 MT Loose / Palletised/20'
	:225 kg Nett MS Drums	-18.0 MT Loose/Palletised/20'
	:20' ISO Ctr	.25.5 MT (+/- 5%)
	:20' Flexi Bag	.25.5 MT (+/- 5%)

Shivam Agroprocess Pvt. Ltd.

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