

Ref. : PetEx.Spec.11

“BIO-DIESEL” SPECIFICATIONS

S.NO	DESCRIPTION	UNITS	SPECIFICATION (IS 15607-2005)
1.	Ester Content	%(m/m)	96.5 %
2.	Density at 15°C	Kg/m ³	860- 900
3.	Viscosity at 40°C	mm ² /S	2.5 to 6.0
4.	Flash Point	oC	1200 C
5.*	Sulfur Content	Ppm	50.0
6.	Carbon residue(10%distillation residue)	% mass	0.05%
7.*	Cetane Number	Number	51.0
8.	Sulfated Ash content	% mass	0.02
9.	Water Content	mg/kg	500
10.	Total Contamination	mg/kg	24 max
11.	Copper Strip Corrosion(3H at 50°C)	Rating	Class 1.0
12.	Oxidation Stability, 110°C	Hours	6.0
13.	Acid value	mg KOH/g	0.50
14.	Iodine Value	g I ₂ /100g	To Report
15.	Linolenic Acid Content	%(m/m)	12.0 max
16.	Polyunsaturated(≥4 Double bonds)	%(m/m)	1.0 max
17.	Methanol Content	%(m/m)	0.2
18.	Monoglyceride content	%(m/m)	0.80max
19.	Diglyceride Content	%(m/m)	0.20max
20.	Triglyceride Content	%(m/m)	0.20 max
21.	Free Glycerol	%(m/m)	0.02
22.	Total Glycerol	%(m/m)	0.25
23.	Group I metals (Na+K)	Ppm	To report

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24.	Group II metals(Ca+Mg)	Ppm	To report
25.	Phosphorus content	mg/kg	To report
26.*	Cold filter plugging point	°C	Reported

The Biodiesel Marketed in India confirms to BIS Specification IS 15607 – 2005 for Bio-diesel.

To buy the product in PetEx, Following conditions need to be fulfilled :

- a. The Purchaser should be a member of PetEx.
 - b. The Member should pay EMD (Margin money) of the price of product, as stated in the contract.
 - c. The Member should have valid GST Registration
 - d. The buyer should have all other valid licences for his factory / storage premises.
2. For any clarification on membership, product and procedure, you may call to Mr. Nilesh – M : 9920494214 or logon to www.petexindia.com.