

EOI no. – OMC/EOI/NUCO/BD/01/2026-2027

Quantity Bidding for Procurement of Bio Diesel (B100:IS 15607-2022) at OMC location

Type approval -IIB

Test Report – Biodiesel (B100)

Test Report No.: CRDC/ANAL/5555-10

Date of sample receipt: 08.06.2026

Name of Manufacturer: M/s Optifuel Industry

Date of issue: 18.06.2026

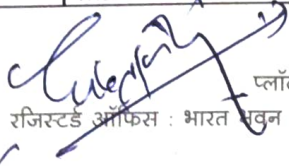
Batch No: 02

Tank No: 02

Raw Material Source: Tallow

Quantity: 20 KL

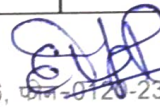
Sr. No	Characteristics	Test Method	Requirement IS 15607:2022	Test Results
1	Appearance, Visual	Visual	Clear and free from visual impurities at room temp	Clear and free from visual impurities at room temp
2	Colour	Visual	-	Pale yellow
3	Density at 15°C, Kg/m3	ASTM D4052	880-900	886.2
4	K V @ 40°C, cst	ASTM D445	3.5-5.0	4.78
5	Flash Point (PMCC) °C min	ASTM D93	101 min	179
6	Sulphur Content, mg/kg max.	ASTM D5453	10.0	9.4
7	Carbon Residue (MCR) % by mass max.	ASTM D4530	0.05 max	0.022
8	Sulphated Ash % by mass, Max.	ISO 3987	0.02 max	0.005
9	Water content mg/kg, max.	ASTM D6304	500 max	354
10	Total contamination. mg/kg max.	ASTM D6217	24 max	13.06
11	Copper strip corrosion (3hr@50°C)	ASTM D130	1 max	1a
12	Cetane Number, min	ISO5165	51 min	59.6
13	Acid value	ASTM D974/ EN 14104	0.50 max	0.25
14	Methanol Content % By mass, max	EN 14110	0.20 max	0.02
15	Ester Content % By mass , min	EN14103	96.5 min	98.8
16	Monoglycerides content, by mass , max	ASTM D 6584/EN 14105	0.7 max	0.28
17	Diglycerides content, % by mass , max	ASTM D 6584/EN 14105	0.2 max	0.12



प्लॉट नंबर 2ए उद्योग केंद्र, सूरजपुर, ग्रेटर नोएडा-201306, फोन-0120-2354170/4200

रजिस्टर्ड ऑफिस : भारत भवन 4 एवं 5, करीमभाय रोड, बेलार्ड एस्टेट, मुम्बई -400001, फोन : 22713000, 22714000 फैक्स : 227113837

सीआईएन : L23220MH192GO1008931



Plot No. 2A, Udyog Kendra, Surajpur, Greater Noida – 201306, Phone: 0120-2354170/4200


Regd. Off.: Bharat Bhawan, 4 & 6 Currimbhoy Road, Ballard Estate, Mumbai-400001, Tel.: 22713000, 22714000 Fax : 22713837

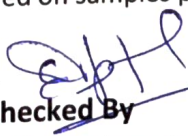
CIN : L23220MH192GO1008931

18	Triglycerides content, % by mass , max	ASTM D 6584/EN 14105	0.2 max	0.009
19	Free Glycerol, content, % by mass , max	ASTM D 6584/EN 14105	0.02 max	0.01
20	Total Glycerol, % by mass , max	ASTM D 6584/EN 14105	0.25 max	0.014
21	Phosphorus content mg/kg, max	ASTM D 4951/EN 14107	4.0 max	1.98
22	Sodium + Potassium (Na+K), mg/kg, max	EN 14109, EN 14108	5.0 max	1.66
23	Calcium + Magnesium (Ca+Mg), mg/kg, max	EN 14538	5.0 max	1.31
24	Iodine Value gm Iodine/ 100 gm, max	EN 14111/ASTM D6217	120 max	12.01
25	Oxidation stability@110° hrs, min.	EN 14112/ EN15751	8.0 min	>8
26	CFPP °C max(summer)	ASTM D6371	18	-4
27	Linolenic acid methyl ester, % m/m, max.	EN 14103	12.0 max	0.44
28	Polyunsaturated (>=4 double bonds) methyl ester, % m/m, max.	EN 15779	1.0 max	NIL

Remark: Sample ID-SSSS-10 meets specifications as per IS-15607:2022 in all the above parameters.

Kindly note that the analysis results given above cannot be deemed to be a certificate on your product. These are the results of analysis performed on samples provided to us.


Prepared By
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Checked By
Dr. Shalini Gupta


Approved By
Dr Saptarshi Ray