



## BIODIESEL SPECIFICATION

No.	PROPERTY	UNIT	LIMITS	
			MIN	MAX
1	Ester Content	% (m/m)	96.5	--
2	Density	g/cm <sup>3</sup>	0.86	0.9
3	40° C Viscosity 40° C	mm <sup>2</sup> /s	3.5	5
4	Flash point	°C	120	--
5	Sulphur Content	ppm (m/m)	--	10
6	Carbon Residue @ 10% Distillation Residue	% (m/m)	--	0.3
7	Cetane Number		51	--
8	Sulfated Ash Content	% (m/m)	--	0.02
9	Moisture	ppm (m/m)	--	500
10	Total Contamination	ppm (m/m)	--	24
11	Copper Strip Corrosion (3h/50° C)	Rating	No. 1	
12	110° C Oxidation Stability @ 110° C	Hours	6	--
13	Acid Value	Mg KOH/g	--	0.5
14	Iodine Value	g I <sub>2</sub> /100g	--	120
15	Linolenic Acid Methyl Ester	% (m/m)	--	12
16	Polyunsaturated (≥4 Double Bonds) Methyl Ester	% (m/m)	--	1
17	Methanol	% (m/m)	--	0.2
18	Monoglyceride	% (m/m)	--	0.8
19	Diglyceride	% (m/m)	--	0.2
20	Triglyceride	% (m/m)	--	0.2
21	Free glycerol	% (m/m)	--	0.02
22	Total glycerol	% (m/m)	--	0.25
23	Group I metal (Na + K)	ppm (m/m)	--	5
24	Group II metal (Ca + Mg)	ppm(m/m)	--	5



# AGRICODE BIO-TECHNOLOGY PTE. LTD (200616653Z)

Office Add: No.35-01, Jln Austin Height 3, Taman Mount Austin, 81100 Johor Bahru, Johor, Malaysia.

Factory: Plo 14, Jalan Perindustrian Senai 1, Kawasan Perindustrian Senai 1, 81400 Senai. Johor.

Tel: (607) 359 8288

Fax: (607) 359 8182

Website: [www.agricode.com](http://www.agricode.com)

25	Phosphorus Content	ppm (m/m)	--	10
26	CFPP	°C	--	12-15

