

SGS Oil, Gas and Chemicals  
 SGS HOUSE,  
 A-77, WAGLE INDUSTRIAL ESTATE,  
 ROAD NO 16  
 NEAR PASSPORT OFFICE,  
 THANE WEST,  
 400604  
 email: ogclab.thane@sgs.com

Certificate No.: T-0971

Date: 9/15/2017  
 MY OWN ECO ENERGY PRIVATE LIMITED  
 No 1 Madhu Hans Building,  
 263 Dr Annie Besant Road,  
 Prabhadevi,  
 Mumbai  
 INDIA  
 400025

### Certificate of Analysis TO17-004603.001

<b>PRODUCT DESCRIPTION:</b>	Indizel	<b>CLIENT ID:</b>	Indizel
<b>SAMPLE SOURCE:</b>	My Eco Energy	<b>SGS ORDER N° :</b>	3005907
<b>SOURCE ID:</b>		<b>SAMPLE RECEIVED:</b>	09/09/2017
<b>LOCATION:</b>	Mumbai	<b>SAMPLE ANALYSED:</b>	15/09/2017
<b>SAMPLE TYPE:</b>	A/R Sample Khalapur RO	<b>SAMPLE BY:</b>	Client supplied
		<b>DATE SAMPLED:</b>	Not available
<b>SAMPLE CONTAINER</b>	Plastic Can		
<b>SAMPLE ID</b>	EX ISO Container Reeton (2/8/2017)		
<b>SAMPLE QUANTITY</b>	2.5 Liter		

METHOD	PROPERTY	RESULT	UNITS	MIN	MAX
Visual	Appearance	Clear & Bright		--	--
* ASTM D5453-2016	Sulfur Content	3.9	ppm (m/m)	--	10
ISO 3405	Distillation at Atmospheric Pressure				
	Initial boiling point (IBP)	184.0	°C	--	--
	Recovered at 250°C	16.0	% (V/V)	--	65
	Recovered at 350°C	96.5	% (V/V)	85	--
	95% Recovered at	343.0	°C	--	360
	Recovered at 360°C	NP (FBP 355	% (V/V)	--	--
		deg. C)			
	% Recovery	98.0	% (V/V)	--	--
* IP 391	Aromatic Hydrocarbon Types in Middle Distillates by HPLC				#
	Polycyclic Aromatic Hydrocarbons	0.6	% (m/m)	--	8.0
EN ISO 2719 (Method A)	Flash Point Pensky-Martens Closed Cup Automat				
	Observed Flash Point Method A	69.0	°C	55	--
ISO 3104:1994	Kinematic Viscosity at 40°C	3.170	mm <sup>2</sup> /s	2.0	4.5
ASTM D2500-2016	Cloud Point	3	°C	--	--
IP 309:1997	Cold Filter Plugging Point (CFPP)	-12	°C	--	--
* ISO 4264	Cetane Index by Four-variable Equation	67.4	Rating	46	--
* ISO 12937	Water Content by Coulometric KF	0.005	% (m/m)	--	0.02
ISO 6245	Ash	<0.001	% (m/m)	--	0.010
IP 154 / EN ISO 2160:1998	Copper Strip corrosion (3h / 50°C)	1a	Rating	--	--
ISO 12205:1995	Oxidation Stability of Middle Distillate Fuels				
	Adherent Insolubles	0.9	g/m <sup>3</sup>	--	--
	Filterable Insolubles	3.1	g/m <sup>3</sup>	--	--

# - Result is outside of test method limits and/or analytical range used in method precision study

This laboratory is accredited under ISO/IEC 17025. The results reported herein have been performed in accordance with the laboratory's term of accreditation except calibrations/tests marked with an asterisk (\*) in this report which are not within the scope of accreditation for our laboratory.

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This report relates specifically to the sample tested as received. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. The latest available issue of the test methods in our possession has been used. Precision parameters apply in the determination of the above results. Users of the data shown on this report should refer to the latest published revisions of ASTM D-3244; IP 367; ISO 4259 and Appendix E of IP Standard Methods for Analysis and Testing when utilising the test data to determine conformance with any specification or process requirement. This report shall not be reproduced except in full, without the written approval of the laboratory.

Authorised Signatory

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METHOD	PROPERTY	RESULT	UNITS	MIN	MAX
ISO 12205:1995	Oxidation Stability of Middle Distillate Fuels				
	Total Insolubles	4.0	g/m <sup>3</sup>	--	25
EN 12662 (1998)	Total Contamination	7.5	mg/kg	--	24 #
* DIN EN ISO 10370	Carbon Residue (on 10 % Distillation Residue) - Micro Method	<0.1	% (m/m)	--	0.30
* ISO 5165	Cetane Number	63.4	Rating	51	--
ISO 12156-1-2016	Lubricity at 60°C (WS1.4)	228	µm	--	460

**\*\*End of Analytical Results\*\***

REPORT COMMENT: Sample tested as per EN 590-2013, Euro VI HSD specifications & meets the requirements with respect to the above tests.  
 Also it meets IS 1460:2005, BS IV HSD requirements in above tests.  
 ISO 5165 analysis carried out by sub contract lab.

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Vivekanand Soman-Asst. Manager Laboratory