

Test Report

CX-29-JL03 C/2

Report Number: STD-20190904-051S

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Entrusting unit	PyrolysisUnit CO., LTD.		
Authorized address	Intersection of Pingyuan Road and Huanghe Road, Liangyuan District, Shangqiu City, Henan Province		
Contact Person	Xu Guang		
Sample Name	pyrolysis oil	Sample number	STD-20180904-051S -001
Model / Batch Number	--	Sample quantity	1 share
manufacturing enterprises	--	Other information	--
The above information was provided and confirmed by the client.			
Sample receipt date	2019/09/04	Sample condition description	liquid
Start and end dates of testing	2019/09/07-2019/09/19	Detection categories	Commissioned testing
Testing items	Please refer to sections 2-3. Page.		
Testing basis	GB/T 1884-2000(2004), GB 255-1977(2004), GB 510-1983(2004), GB/T 261-2008, GB/T 3536-2008, GB/T 260-2016, GB 268- 1987(2004), GB 508-1985(2004), GB/T 7304-2014, GB/T 511-2010, GB/T 11140-2008		
Test results	11 items were tested according to the standard : density (20 °C), distillation range, freezing point, flash point (closed cup), flash point (open cup), sulfur content, moisture, carbon residue, ash content, acidity, and mechanical impurities. All eleven items were measured values. The test results are summarized on pages 2 and 3. Inspection and testing official seal: Date of issuance: 2019/09/20		
Remark	--		

Prepared by :

Reviewed by :

Approved by :

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Summary of test results						
Serial Number	Testing items	unit	Test results	Detection methods	Remark	
1	Density (20 °C)	kg/m ³	913.0	GB/T 1884-2000 (2004)	--	
2	distillation range	Initial boiling point	°C	69.0	GB 255-1977 (2004)	--
		5% distillate	°C	125.0	GB 255-1977 (2004)	--
		10% distillation	°C	141.0	GB 255-1977 (2004)	--
		20% distillation	°C	164.0	GB 255-1977 (2004)	--
		30% distillation	°C	187.0	GB 255-1977 (2004)	--
		40% distillation	°C	222.0	GB 255-1977 (2004)	--
		50% distillation	°C	260.0	GB 255-1977 (2004)	--
		60% distillation	°C	298.0	GB 255-1977 (2004)	--
		70% distillation	°C	330.0	GB 255-1977 (2004)	--
	80% distillation	°C	360.0	GB 255-1977 (2004)	--	
3	Pour point	°C	- 60	GB 510-1983 (2004)	--	

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Summary of test results					
Serial Number	Testing items	unit	Test results	Detection methods	Remark
4	Flash point (closed cup)	℃	Detection limit ≥ 69	GB/T 261-2008	--
5	Flash point (opening)	℃	Detection limit > 89	GB/T 3536-2008	--
6	* Sulfur content (mass fraction)	%	0.802	GB/T 11140-2008	--
7	Moisture	%	0.03	GB/T 260-2016	--
8	Carbon residue	%	2.22	GB 268- 1987(2004)	--
9	Ash	%	0.03	GB 508-1985 (2004)	--
10	acidity	mgKOH/g	6.24	GB/T 7304-2014	--
11	Mechanical impurities	%	0.55	GB/T 511-2010	--

Experiment description:

ZY-41 Electronic balance, ZY-89 Electric heating drying oven, ZY-77 Mechanical impurity analyzer for petroleum products and additives

ZY-65 Petroleum Product Moisture Tester, ZY-68 Petroleum Product Carbon Residue Tester, ZY-318 Pour point, cloud point, condensation point of petroleum products

1. Testing equipment: Cold filter point tester, ZY-146 Densitometer, ZY-316 Pour point, cloud point, freezing point, and cold filter plugging point testers for petroleum products; ZY-66 petroleum product distillation tester; ZY-110 Petroleum product flash point and fire point tester, ZY-111 Petroleum product closed-cell tester , ZY-31 box-type resistance furnace, ZY-79 automatic potentiometric titrator, etc.

2. Uncertainty —

3. Deviation information —

* This project is not within the CMA testing facility of this laboratory. Within the scope of the qualification accreditation, the subcontractor is the National Petroleum and Petrochemical Products Quality Supervision and Inspection Center.

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4. Other information :

Testing Center, CMA The certificate number is 150014113094.

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Sample photos



Figure 1. Sample photo

*** Report End ***

Precautions

1. Reports without a "Special Seal for Inspection and Testing" or without the official seal of the organization are invalid.
2. A report is invalid without the signatures of the preparer, reviewer, and approver.
3. The test results are only valid for the samples received.
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5. If you have any objections to the report, you should submit them to the testing unit within thirty days from the date of receipt of the report; objections submitted after this period will not be accepted.

Company Name: Qingdao Standard Testing Co., Ltd.

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