



INSPECTORATE

Certificate of Quality № J 097112

Product	Fraction of aromatic hydrocarbons (FAH) by TY 2411-036-48418772-2013	Customer	"SIBUR International GmbH"
Date	28.10.2014 r	Date of sampling	September 17, 2014

Information about the sample

Sample is provided by customer

№	Tests	Method	Units	Result
1	Mercaptan Sulphur Content	UOP 163	ppm	40,7
2	Hydrogen sulfide content	UOP 163	ppm	LT 1,0
3	Sulphur Content	ASTM D 4294	%	0,0966
4	Octane Number (MON)	ASTM D 2700		88,5
5	Octane Number (RON)	ASTM D 2699		98,2
6	Appearance	visual		yellow
7	Odor	organoleptics		odor of aromatics
8	Lead Content	ASTM D 3237	g/l	nil
9	Copper Strip Corrosion	ASTM D 130	class	1 B
10	Detailed Analysis: Aromatics	GC	% mass / % vol	50,36 / 44,95
	iso-Paraffins		% mass / % vol	10,02 / 11,64
	Naphtenes		% mass / % vol	6,78 / 6,88
	Olefins		% mass / % vol	24,92 / 27,30
	n-Paraffins		% mass / % vol	7,34 / 8,66
	Oxygenates		% mass / % vol	0,58 / 0,57
11	Benzene	GC	% vol	5,18
12	RVP (DVPE)	ASTM D 5191	κPa	42,8
13	Gum Existent (washed)	ASTM D 381	mg/100 ml	3
14	Density at 15 Deg C	ASTM D 4052	kg/m ³	812,1
15	Water Content	ASTM D 95	% mass	nil
16	Induction Period	ASTM D 525	min	43
17	Distillation:	ASTM D 86		
	Initial boiling point		°C	44,5
	Evaporated 5%		°C	62,5
	Evaporated 10%		°C	69,5
	Evaporated 20%		°C	81,5
	Evaporated 50%		°C	106,5
	Evaporated 90%		°C	166,0
	Final boiling point		°C	184,0
	Residue		% vol	1,0
Losses	% vol	1,6		

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