ANALYTICAL REPORT No: 0760-LQ-14

Client SIBUR International GmbH
S-Peterburg no. 7652-0488-14/5
Date of report 01.08.2014
Object ZAO "Sibur-Khimprom"
Location s. Perm

Product :	Fraction of benzene and the toluene (Bentol)[1]	**Received:** 23.07.2014
Sample Drawn :	Sample is selected and provided customer representative.	
Sample Description :	Clear, colorless liquid	
Testing Performed By:	Intertek S-Petersburg Laboratory	**Date:** 23÷31.07.2014

Tests	Units	Method[2]	Specification limits	Result	Result Within Specification
Density at 15 º C	kg/m^3	ASTM D 4052	unknown	873.2	–
Appearance		Visual	unknown	Clear & Bright	–
Sulphur content	% mass	ASTM D 4294	unknown	less 0.0150	–
Sulphur content	mg/kg	ASTM D 5453	unknown	less 1.0	–
Vapour Pressure RVP	kPa	ASTM D 323	unknown	11.5	–
Water content (Karl Fischer Method)	mg/kg (%mass)	ASTM D 6304	unknown	133 (0.01)	–
Existent gum content (solvent washed)	mg/100 ml	ISO 6246	unknown	1.8	–
Benzene content	%(V/V)	ASTM D 6730 mod.	unknown	24.63	–
Hydrocarbon type content:		ASTM D 6730 mod.			
Aromatics	%(V/V)		unknown	99.25	–
Olefins	%(V/V)		unknown	Nil	–
Oxygenates content	%(V/V)	ASTM D 6730 mod.	unknown	Nil	–
Research Octane number (RON)		calculated	unknown	115.8	–
Motor Octane number (MON)		calculated	unknown	105.0	–
Oxidation stability	min	ASTM D 525	unknown	more 1500	–
Copper strip corrosion (3 h at 50 ºC)	rating	ASTM D 130	unknown	1A	–
Distillation (760 mm Hg)		ASTM D 86	unknown		
Initial bolling point (IBP)	ºC		unknown	91.0	–
5% vol recovered	ºC		unknown	97.0	–
10% vol recovered	ºC		unknown	106.0	–
20% vol recovered	ºC		unknown	100.0	–
30% vol recovered	ºC		unknown	101.0	–
40% vol recovered	ºC		unknown	102.0	–
50% vol recovered	ºC		unknown	104.0	–
60% vol recovered	ºC		unknown	105.5	–
70% vol recovered	ºC		unknown	108.0	–
80% vol recovered	ºC		unknown	109.5	–
90% vol recovered	ºC		unknown	111.5	–
95% vol recovered	ºC		unknown	114.5	–
Final Boiling Point (FBP)	ºC		unknown	131.0	–
Losses	% vol		unknown	1.0	–
Residue	% vol		unknown	1.0	–
Colour ASTM		ASTM D 1500	unknown	less 0.5	–
Total Contamination	mg/kg	EN 12662	unknown	less 6.0 (1)	–

Tests	Units	Method[2]	Specification limits	Result	Result Within Specification
Lead content	mg/kg	ASTM D 3605 mod	unknown	less 0.25	–
Smell		Organoleptic	unknown	aromatics	–

Note 1.This product is not included in the Scope of accreditation laboratory.
Note2. All these methods are intended to record for analysis of Petroleum Products. Sample testing is proposed for petrochemicals. Thus, the results can not be interpreted as the results obtained in the framework of the above methods. Terms perform some tests had to pick from the properties of the product.

INTERTEK S-Petersburg
LABORATORY MANAGER: P.Obukhova

Intertek
St. Petersburg LABORATORY

Intertek St.Petersburg.
21,Rozenshteina,St.Petersburg,Russia
tel(7-812) 363 12 00; (7-812) 930 17 52