

HEAVY AROMATIC KOREA

The followings are the results of analysis performed by SGS laboratory on the sample of ship tank(s) after loading which drawn by SGS Inspector.

Test Items	Test Method	Limit	Test Results
			Ship composite
Appearance	Visual	Report	Clean&Bright
Specific gravity at 60/60°F	ASTM D4052	Report	0.8353
Bromine Number, g/100g	ASTM D1159	Report	26.8
Sulfur Content, mg/kg	ASTM D5453	Report	100
Distillation, °C	ASTM D850		
IBP		Report	158.4
Evaporated at 90%		Report	204.3
Evaporated at 95%		Report	218.9
FBP		Report	257.1
Solvent Washed Gum, mg/100mL	ASTM D381	Report	55.0
Saybolt Color	ASTM D158	Report	-18
Flash Point, °C	ASTM D58	Report	48.0
C4'S, mg/kg *	GC	Report	<100
C5'S, mg/kg *	GC	Report	178
Non-Aromatics(C6-C9), %(m/m) *	GC	Report	1.07
Benzene, mg/kg *	GC	Report	<100
Toluene, mg/kg *	GC	Report	515
Ethylbenzene, %(m/m) *	GC	Report	0.19
Xylene, %(m/m) *	GC	Report	0.90
Styrene, mg/kg *	GC	Report	<100
C9 Aromatics, %(m/m) *	GC	Report	31.42
C10 Aromatics, %(m/m) *	GC	Report	18.02
C10+Non Aromatics, %(m/m) *	GC	Report	38.48
Indane, %(m/m) *	GC	Report	8.38
Total Aromatics, %(m/m) *	GC	Report	62.45
Research Octane Number	ASTM D2699	Report	96.8
Motor Octane Number	ASTM D2700	Report	80.9
Mercaptan, wt%	ASTM D3227	Report	0.0015

Remark :

1) * Denoted items were analyzed by third party laboratory.