



CERTIFICATE OF QUALITY

Egyptian linear Alkyl Benzene

TANK BATCH N°      TK- ELAB TK-      19A 19A/18.1.2009      SAMPLING DATE: 18.1.2009  
 CERTIFICATE N°      ELAB.L.01.09

Method:	Properties	Units	Results	Limits
Visual ASTM D-156 or D-8045	APPEARANCE UOP Odour Color		C&B F** 30	F** Min +30
	COMPOSITION 673			
	Ph-C 09	wt %	0.40	0-1 %
	Ph-C 10	wt %	12.37	8-16 %
	Ph-C 11	wt %	29.88	26-39 %
	Ph-C 12	wt %	28.9	26-40 %
	Ph-C 13	wt %	24.72	15-28 %
	Ph-C 14	wt %	0.04	0-0.5 %
	Linear Alkyl Benzene	wt %	96.31	Min 92
	Non-Linear Alkyl Benzene	wt %	3.66	Max 8.0
	2- Phenyl Alkanes	wt %	27.78	25-33
	Paraffins	wt %	0.03	Max 0.40
	Heavier Than C 14 LAB	wt %	NIL	Max 0.50
	Di Alkyltetralin	wt %	<0.5	1%
	Molecular Weight	gm / mol	241.49	239-242
Procter and gamble D- 1218	Acid Wash		30	Min 15
	Refractive Index @20 °C		1.483	
	Doctor Test		Negative	Negative
E- 1064	Water	wt %	0.005	Max 0.02
D- 2710	Bromin Index	mg Br2/100g	2	<5
D-4052	VOLATILITY			
	Specific Gravity @ 20 °C		859.9	855-870

F\*\* Slight, Characteristic, free of all offensive odours and typical of previous receipts

The chief chemist certifies that the product complies with the specifications detailed above

Date:18.1.2009

Name: **Yosry EL Feky**  
( Laboratory Manager )

Witness By:

