



## SPECIFICATION

### PRODUCT: LINEAR ALKYL BENZENE (LAB) – DOMESTIC GRADE

Sr. No.	Parameters	Methods	Specifications
1.	Appearance	Visual Observation	Clear Colorless Liquid
2.	Color (Saybolt)	ASTM – D15687	+29 Min
3.	Sp Gr @ 15.5°C / 15.5°C	ASTM – D405291	0.8580 – 0.8680
4.	Bromine Index , mg/100g	ASTM – D271092	50 Max
5.	Doctor Test	UOP 41 – 74	Negative
6.	Paraffin Content , wt %	UOP 673 – 88	0.2 Max
7.	Homologue Distribution, wt %	UOP 673 – 88	
	a.) 10 LAB		1.0 Max
	b.) 10 to C13 LAB		97.0 Max
	c.) C14 LAB		2.0 Max
8.	Average Molecular Weight	UOP 673 – 88	235 – 245
9.	2-Phenyl Alkanes , wt %	UOP 673 – 88	10 – 20
10.	Sulphonability , wt %	UOP 429 – 75	98.0 Min
11.	Biodegradability , wt %	-	90.0 Min

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