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Specification of Liner Alkyl Benzene

Sr. No.	Parameters	Test Method	Unit	Typical Values	Specification
1	Appearance	Visual Observation	-	Clear Colourless Liquid	Clear Colourless Liquid
2	Colour	ASTM D 156-97	Saybolt	+30	+29 Min.
3	Specific Gravity, @ 15.5°/15.5°C	ASTM-0.858 D 2710-92	-	0.8617	0.858-0.868
4	Bromine Index	ASTM D2710-92	mg/100 grams	8	10 Max.
5	Doctor Test	UOP 41-74	-	Negative	Negative
6	Paraffin Content	UOP 673-88	Wt%	0.02	0.2 Max.
7	Homologue Distribution : a) <C ₁₀ LAB b) <C ₁₀ LAB c) <C ₁₀ + C ₁₁ LAB d) C ₁₂ LAB e) C ₁₃ LAB f) C ₁₄ LAB g) C ₁₀ to C ₁₃ LAB	UOP 673-88	Wt%	0.2 12.3 51.7 28.2 19.5 0.4 99.4	0.5 Max. 7-16 55 Max. 25-38 17-23 1.0 Max. 98.5 Min.
8	Avg. Molecular Weight	UOP 673-88	-	239.0	239-245
9	2-Phenyl Alkanes	UOP 673-88	Wt%	16.8	10-20
10	Normal Lab content	UOP 673-93	Wt%	93.1	-
11	Sulphonability	UOP 429-75	Wt%	98.7	98.0 Min.
12	Biodegradability	ASTM - D2667-89	Wt%	92.0	90.0 Min.
13	Transmittance @403 nm	P & G Method	%	21	15 Min.
14	Moisture	ASTM D 1744-83	Wt. ppm	<200	300 Max