



Reliance Industries Limited

Linear Alkyl Benzene (LAB)

Standard Specification

Sr. No.	Test Parameter	Test Method	UOM	Specification
1	Appearance	Visual Observation	N.A.	Clear colourless liquid free from sediments
2	Saybolt Colour	ASTM D 156-12	Saybolt	+29 Min.
3	Sp.Gr. at 15.5 °C/15.5 °C	ASTM D 4052-11	N.A.	0.8580 - 0.8650
4	Bromine Index	ASTM D 2710-09	mg /100g.	10 Max.
5	Doctor Test	UOP 41-07	N.A.	Negative
6	Paraffin content	UOP 698-04	mass %	0.2 Max.
7	a) Less than C10 LAB		mass %	1.0 Max.
8	b) C14 LAB		mass %	1.0 Max.
9	c) C10 - C13 LAB		mass %	98.0 Min.
10	Average molecular weight	UOP 698-04	N.A.	235 - 239
11	2-Phenyl Alkanes	UOP 698-04	mass %	10.0 - 20.0
12	Transmittance at 403 nm	P&G Method EM-7203	% T	45 min
13	Moisture	UOP 481-10	mg/kg	200 Max.