



OTHER CHEMICALS

TECHNICAL DATA OF LINEAR ALKYL BENZENE (LAB)

PROPERTY	TEST METHOD	SPECIFICATION	TYPICAL VALUE
Density at 15.6°C , gr/cm ³	ASTM D-4052	0.8575-0.8700	0.8602
Saybolt Color	ASTM D-156	+29 min	>+30
Bromine Index , mg Br/100gr of Sample	ASTM D-1492	15 max	2
Doctor Test	ASTM D-4952	Negative	Negative
Moisture , ppm	UOP 481	200 max	31
Refractive Index at 20°C	ASTM D-1218	1.480-1.490	1.484
Total Normal Paraffin , wt%	UOP 698	0.5 max	0.34
2-Phenyl Alkanes , wt%	UOP 698	20 max	15.26
Linear Alkyl Benzene , wt%	UOP 698	92 min	93.1
Carbon Distribution , wt%	UOP 698		
< LAB 10		1 max	0.45
LAB 10		15 max	10.5
LAB 10 + LAB 11		33-51	38.0
LAB 12		26-40	33.0
LAB 13 + LAB 14		15-28	22.1
LAB 14		1 max	0.11
> LAB 14		0.5 max	0.27
Average Molecular Weight	UOP 698	238-244	241.4
Sulfonatability , wt%	UOP 429	98 min	99.0
Tetralins , wt%	ECOSOL, UOP-929	1 max	<0.5
Acid Wash Color , T%	EM 07203	15 min	52.6
Flash Point °C	ASTM D-93	140 min	142