

TECHNICAL DATA SHEET / CERTIFICATE OF ANALYSIS

LINEAR ALKYL BENZENE

Test	Unit	Method	Result
Density @ 15.6 °C	gr/cm ³	ASTM D-4052	0.8603
Color Saybolt	-	ASTM D-156	>+30
Bromine Index	mg of Br/100g of sample	ASTM D-1492	4.1
Water Content	ppm	ASTM D-6304	21.8
Sulfonatability	Wt. %	UOP 429-75	98.9
Doctor Test	-	ASTM D-4952	Negative
Refractive Index @ 20 °C	-	ASTM D-1218	1.482
Flash Point	°C	ASTM D-93	144
Total Normal Paraffin	Wt. %	UOP 698	0.40
2-Phenyl Alkanes	Wt. %	UOP 698	15.07
Linear Alkyl Benzene	Wt. %	UOP 698	93.40
Carbon Distribution			
Less Than LAB10	Wt. %	UOP 698	0.30
LAB10	Wt. %	UOP 698	8.31
LAB10 + LAB11	Wt. %	UOP 698	38.54
LAB12	Wt. %	UOP 698	31.77
LAB13 + LAB14	Wt. %	UOP 698	23.09
LAB14	Wt. %	UOP 698	0.09
Greater Than LAB14	Wt. %	UOP 698	0.28
Average Molecular Weight	gr/mol	UOP 698	241.6
Tetralins	Wt. %	ECOSOL HPLC, UOP 929	<0.5

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