

**Final**IRAN CHEMICAL INDUSTRIES INVESTMENT CO. (ICIC)
ESFAHAN, IRAN.**TECHNICAL DATA OF LINEAR ALKYL BENZENE (LAB)**Revision: 14
No: T-41-110

Date: 10/12/2023

PROPERTY	TEST METHOD	SPECIFICATION	TYPICAL VALUE
Linear Alkyl Benzene , wt%	UOP 698	92 min	93.09
Carbon Distribution , wt%	UOP 698		
< LAB 10		1 max	0.41
LAB 10		15 max	11.67
LAB 11		24-36	32.44
LAB 12		26-40	28.74
LAB 13		17-27	20.14
LAB 14		1 max	0.10
> LAB 14		0.3 max	0.23
2-Phenyl Alkanes , wt%	UOP 698	20 max	15.41
Total Normal Paraffin , wt%	UOP 698	0.5 max	0.36
Average Molecular Weight	UOP 698	238-243	240.1
Density at 15.6°C , gr/cm ³	ASTM D-4052	0.8575-0.8700	0.8597
Bromine Index , mg Br/100gr of Sample	UOP 304	10 max	3
Water , ppm	UOP 481	200 max	5
Saybolt Color	ASTM D-156	+29 min	>+30
Tetralins , wt%	ECOSOL , UOP-929	1 max	0.56
Sulfonatability , wt%	UOP 429	98 min	98.8
Doctor Test	ASTM D-4952	Negative	Negative
Acid Wash Color , T%	EM 07203	15 min	64.1
Refractive Index at 20°C	ASTM D-1218	1.480-1.490	1.480
Flash Point °C	ASTM D-93	140 min	142

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