



H&Y
Industry Ltd.

RM 2008,HONG KONG PLAZA,186-191 CONNAUGHT
ROAD WEST HONG KONG.

TEL: 00852 53952226 FAX: 00852 30697726

TECHNICAL DATA OF LINEAR ALKYL BENZENE (LAB)

Chemical Name: Linear Alkylbenzene

Other Names: LAB

CAS No.:129813-58-7

MF:C₆H₅C_nH_{2n-1}(n=10-13)

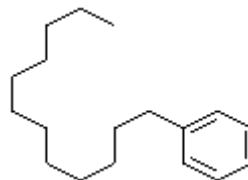
Grade Standard:Industrial Grade

Purity:97.5% min

Appearance:liquid

Application:Detergent

Brand Name:H & Y



ITEM	LIMITS	RESULT	TEST METHOD
APPEARANCE	CLEAR & BRIGHT	CLEAR & BRIGHT	
COLOR	10 Max.	1.2	Hazen
Density (20℃,g/cm ³)	0.855-0.870g/ml	0.8567	ASTM D-1298
REFRACTIVE INDEX (20℃)	1.482-1.485	1.4830	ASTM D-1218
BROMINE INDEX	10mg Br/100g Max.	4	ASTM D-1491
AVERAGE MOLECULAR WEIGHT	238-244	242.4	GB/T 5177-2008
SULPHONATABILITY	98.6% Min.	99.00%	UOP 429-75
DISTILLATION			
5%	280℃ Min.	289.0℃	ASTM D-8
95%	315℃ Max	306.0℃	
MOISTURE	0.02%Max.	0.0050	UOP 481
Carbon Distribution(wt%)			Gas
Less than C10	1.0% Max.	0.60%	Chromatography
C10	5% to 16%	11.80%	
C11	26% to 45%	27.70%	
C12	25% to 40%	33.00%	
C13	10% to 30%	26.00%	
C14	1.0% Max.	0.57%	
Greater than C14	1.0% Max.	0.15%	
2-PHENYLISOMER	20%MAX	16.20%	UOP 673

PACKING:

20mt/FLEXITANK

160kg/drum , 20fcl=18.24mt (114drums) without pallets



H & Y INDUSTRY LIMITED