



SUZHOU YRC CHEMIST LIMITED

Linear Alkyl Benzene Certificate of Analysis

INCI Name: Not assigned as an INCI ingredient

CAS NO.:67774-74-7

Chemical Structure: $C_nH_{2n+1}-C_6H_5$ (typically C10-C14)

Product Specification:

Test Item		Standards	Test Results
Appearance (25°C)		Colorless transparent liquid	Conform
Specific Gravity(15/4c)		0.855-0.87	0.8574
Color (Saybolt)		15max	5
Refractive Index at 20c		1.481-1.485	1.4835
Bromine Index, Br2 mg/100g		8max	4
Distillation deg. c	5%	280c min	285
	95%	310c max	305
Moisture		100ppm max	Conform
Sulfonatability		98.5%min	99.2%
LAB		94%min	95.6%
Average M.W.		238-250	241.1
Carbon Disribution	C9 and lower	0.5%max	0.4%
	C10	5-16%	12.5%
	C11	26-45%	29%
	C12	20-40%	29.7%
	C13	10-30%	23.5%
	C14 and higher	0.5%max	0.5%
2-Phenyl Isomer(alkanes)		20%max	15.9%
Paraffin		0.4%max	Conform
Tetraline		1%max	Conform

Product Features:

It is an organic compound, appearing as a clear, colorless liquid, insoluble in water but soluble in organic solvents. It is a key intermediate for producing linear alkylbenzene sulfonate (LAS) surfactants used in biodegradable detergents.

Package :

in 200kg drums, 1000kg IBCs, and bulk tanker loads

Shelf life :

Stored in a cool, dry, dark location and ventilated place ,expiry time is 12-24months.

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