

Linear Alkyl Benzene (LAB)

Linear Alkyl Benzene (LAB) is a chemical compound mostly used in detergents and industrial cleaning manufacturing which turns into LABSA after being Sulphonated.

Chemical Formula:
C₆H₅C_nH_{2n}+1

Physical Characteristic:
Light Yellow

Applications:

Linear alkylbenzene is sulfonated to produce linear alkylbenzene sulfonate (LAS), a biodegradable surfactant. LAS replaced branched dodecylbenzene sulfonates, which were phased out because they biodegrade more slowly.

Chemical Composition	Unit	Result
Linear Alkyl Benzene	% Wt	92 Min
Tetralins	% Wt	1 Max
Sulfonatability	% Wt	98 Min
-2Phenyl Alkanes	% Wt	20 Max
Flash Point	C	140 Min
Acid Wash Color	%T	15 Min
Moisture	ppm	200 Max
Total Normal Paraffin	%Wt	0.5 Max
Saybolt Color	-	+29 Min
Doctor Test	-	Negative

Sea Transportation

4 X



=

32 X



=

24 Mt
(20ft CTR)



Land Transportation

128 X



=

24 Mt

