

**TECHNICAL BROCHURE**  
**N° 503200**

**CHEMICALS**

**SPECIALTIES**

**LINEAR ALKYL BENZENE (MWt 242)**

LAB (linear alkyl benzene) is a clear liquid with a characteristic odour, mainly comprised of a mixture of linear mono alkyl benzenes.

The light LAB product (Mol. Wt. 242) has less phenylC14% and more phenylC10% than the heavy LAB product (Mol. Wt. 246), where happens the opposite.

**APPLICATIONS**

LAB is the primary surfactant intermediate used in household laundry detergents and industrial cleaning products.

**ESPECIFICACIONES**

Analysis	Min	Max	Method
Density at 15 °C (g/ml)	0.8570	0.8630	ASTM D4052
Molecular Weight (g/mol)	240	245	UOP 673
Bromine Index (mg Br <sub>2</sub> /100 g)		10	ASTM D2710
Saybolt Colour	28		ASTM D6045
Doctor test		Negative	ASTM D4952
Water (mg/kg)		100	ASTM E1064
Total Phenyl Alkanes (wt %)	99.0		UOP 673
2-Phenyl Isomers (wt %)		20	UOP 673
Dialkyltetralins (wt %)		1	EN 13405
Biodegradability (%)	92		INS_-0008122

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

Customer Service:

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**NOTE:** product without antistatic additives

