



## LABSA

### Description

1. **Linear Alkylbenzene Sulfonic Acid (LABSA)** is a widely used, cost-effective, and biodegradable anionic surfactant that is a key ingredient in many household detergents, industrial cleaners, and emulsifiers. It's produced by the sulfonation of linear alkylbenzene and works as a surfactant due to its bipolar structure, which has a negative sulfonate group (hydrophilic) and an alkylbenzene (hydrophobic) tail.

### Application

- **Dishwashing Liquids**
- **Shampoo & Shower Gel**
- **Soap Bars**

<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>UNIT</b>	<b>RESULT</b>
<b>APPEARANCE</b>	-	-	LIQUID, VISCOSE, BROWN
<b>PROPERTY</b>	-	-	ANIONIC
<b>ACTIVE MATTER</b>	MIN 96	%	96.54
<b>FREE SULPHURIC ACID</b>	MAX 1.8	%	1.51
<b>FREE OIL</b>	MAX 2	%	1.39
<b>H2O</b>	MAX 1	%	0.56
<b>DENSITY</b>	-	G/CM <sup>3</sup>	1.033
<b>COLOUR</b>	MAX 70	KALLET*	18
<b>TRANSMITTANCE</b>	-	%	92