

MILD SURFACTANTS

Product Bulletin



TC-LAB 35

INCI Name

LAURAMIDOPROPYL BETAINE

Description

TC-LAB 35 is a mild amphoteric surfactant with good compatibility with all kinds of surfactant. It can reach excellent synergistic effect when combined with other surfactants, meanwhile reduce irritation of other surfactants and contribute fine, stable and rich foam with high thickening. It's widely used in shampoo, body wash, facial cleanser, baby product and so on.

Specification

Parameter	Value
Appearance	Colorless to yellowish clear liquid
Color(Hazen)	≤120
pH (25°C, 10% soln.)	5.0-7.0
Active Content (%)	30.0 ± 1.0
Salt Content (%)	≤6.0
Free amine (%)	≤0.5
Free Fatty Acid (M=200, %)	≤0.5
Chloroacetic acid (mg/kg)	≤20
Dichloroacetic acid (mg/kg)	≤300
Glycolic acid (%)	≤0.7
Sulfate content (%)	≤1.0
H ₂ O ₂ (mg/kg)	≤3.0
Carbon chain distribution (C ₁₂ , %)	≥98.0

These values indicate typical specification, they are not intended to be used as product specifications.

Properties

- Mild amphoteric surfactant.
- Good compatibility with all kinds of surfactant
- Excellent foamability and thickening
- Favorable softening, conditioning, anti-static and bactericidal performance.

Applications

Shampoo

Hand soap, body wash

Shaving product

Facial cleanser

Baby product

Formula Guidelines

Typically used at a level of 3.0~30.0%

Storage & Handling

Standard Packing: 200 kg/drum

Storage: Keep in Cool, Dry, Ventilated and Lightless Place.

Shelf Life: 24 months

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