



## Transfar Zhilian Co.,Ltd

### Technical Data Sheet

**Product Name:** Lauryl Betaine BS-12

**INCI Name:** Lauryl Betaine

**CAS Number:** 683-10-3

**Molecular Formula:**  $RN^+(CH_3)_2CH_2COO^-$  R=Lauryl

**Description:** BS-12 has low irritation to the skin and mucous membrane. It also has excellent stability under acidic and alkaline conditions; performs well in low irritation, good anti-hard water and antistatic ability, softness, biodegradability.

#### Specification:

Item	Specification	Test Method
Appearance (25°C)	Colorless to light yellow transparent liquid	Visualization
Color, Hazen	≤100	GB/T 3143
pH (5% aq. Solution, 25°C)	5.0-7.0	GB/T 6368
Active content, %	28.0-30.0	QB/T 2344
Sodium chloride, %	≤7.5	QB/T 2344
Free amine, %	≤0.5	QB/T 2344

#### Application:

- 1.Suitable for all kinds of laundry detergent, shampoo, cleanser, and household detergent, etc.
- 2.Suitable for fiber, fabric softener; antistatic agent, calcium soap dispersant; disinfection detergent, etc.
- 3.Suitable for rubber industry, such as gel emulsifier, rabbit wool finishing agent, fire extinguishing foam agent, etc.

**Recommended Dosage:** 1%- 10%