

TECHNICAL DATA SHEET

INCI Name: Cocamidopropyl Betaine

CAS NO.: 61789-40-0

Chemical Structure: $\text{RCONH}(\text{CH}_2)_3\text{N}^+(\text{CH}_3)_2\text{CH}_2\text{COO}^-$

Trade Name: Yeser[®] CAB-45

Product Specifications:

Test Item	Specification	Test Method
Appearance (25°C)	Colorless to light yellow transparent liquid	By eye
Odor	Characteristic odor	By smell
Color (Hazen)	≤100	GB/T 3143
pH value (1% Aqueous solution, 25°C)	5.0~7.0	GB/T 6368
Free amine content, %	≤0.5	QB/T 2344
Sodium chloride content, %	≤7.0	QB/T 4082
Active matter content, %	38.0~42.0	QB/T 4082
Solid content, %	43.0~47.0	QB/T 4082
Monochloroacetic acid content, ppm	≤50	HPIC

Product Features:

- 1) Excellent solubility and compatibility with other surfactants.
- 2) Mild and low irritation, perfect for formulating mild skin-touch products, such as baby shampoo, baby lotion and hand soap liquid.
- 3) With significant foaming, emulsifying, cleansing, and thickening ability, also with anti-static, anti-rust, and anti-corrosion properties.
- 4) With good hard water resistant property.

Dosage:

The recommended dosage is 1.0%~10.0%.

Package:

In 200kg plastic drum or 1000kg IBC drum

Shelf Life:

Sealed, stored in a dry and ventilated place, the shelf life is 12 Months.

