



Transfar Zhilian Co.,Ltd

Technical Data Sheet

Product Name: Sodium Lauroamphoacetate LAI-40

INCI Name: Sodium Lauroamphoacetate

CAS Number: 156028-14-7

Molecular Formula: RCONH(CH₂)₂N(CH₂CH₂OH)CH₂COONa R=Lauroyl

Description: LAI-40 is a kind of modified and balanced amphoteric surfactant, it has low-irritation, excellent foaming and thickening abilities. It also can improve the foam state of the formula system.

Specification:

Item	Specification	Test Method
Appearance (25°C)	Light yellow to amber liquid	Visualization
Color, Gardner	≤3.0	GB/T 9281.1
Solid content, %	38.0-42.0	QB/T 2118
pH (10% aq. solution)	7.0-9.5	GB/T 6368
Sodium chloride, %	≤9.5	QB/T 2118
Chloroacetic acid, mg/kg	≤100	GB/T 28193
Unreacted amide, %	≤1.0	QB/T 2118

Application:

- 1.Suitable for shampoo and bath products.
- 2.Suitable for formulations of baby care products and mild, low-irritation, tear-free products.

Recommended Dosage:

- 1.In facial cleanser is 15 - 40%.
- 2.In shower gel is 8 - 30%.
- 3.In shampoo is 6 - 12%.