

# 脂肪醇系列产品

| 产品                   | 指标     | 外观30 C | 熔点 C | 色泽   | 酸值<br>mgkoh/g | 皂化<br>mgkoh/g | 碘值<br>gl <sub>2</sub> /100g | 水分%<br>(m/m) | 羰基<br>mg/kg | 羟值<br>mgkoh/g | 组分, % (色谱法) |       |       |       |       |     |      |      |      |      |      |
|----------------------|--------|--------|------|------|---------------|---------------|-----------------------------|--------------|-------------|---------------|-------------|-------|-------|-------|-------|-----|------|------|------|------|------|
|                      |        |        |      |      |               |               |                             |              |             |               | C6          | C8    | C10   | C12   | C14   | C16 | C18  | ≥C20 | 烷烃   |      |      |
| C8-10醇               | 透明油状液体 | -      | ≤10  | ≤0.1 | ≤1.0          | ≤0.3          | ≤0.1                        | ≤150*        | 380-410     | 0~1           | 45~75       | 25~55 | 0~1   |       |       |     |      |      | ≤1.0 |      |      |
| C12-14醇              | 透明油状液体 | -      | ≤10  | ≤0.1 | ≤0.5          | ≤0.3          | ≤0.1                        | ≤100*        | 285-295     | 0~1           |             |       |       | 65~77 | 23~35 | 0~1 |      |      | ≤1.0 |      |      |
| 单C8醇                 | 透明油状液体 | -      | ≤10  | ≤0.1 | ≤1.0          | ≤0.3          | ≤0.1                        | ≤150*        | 425-432     | 0~1           | ≥98         |       |       |       |       |     |      |      | 0~1  | ≤1.0 |      |
| 单C10醇                | 透明油状液体 | -      | ≤10  | ≤0.1 | ≤1.0          | ≤0.3          | ≤0.1                        | ≤150*        | 351-357     | 0~1           |             | ≥98   |       |       |       |     |      |      |      | 0~1  | ≤1.0 |
| 单C12醇                | 透明油状液体 | -      | ≤10  | ≤0.1 | ≤0.5          | ≤0.3          | ≤0.1                        | ≤100*        | 295-303     | 0~1           |             | ≥98   |       |       |       |     |      |      |      | 0~1  | ≤1.0 |
| 单C14醇                | 白色结晶体  | -      | ≤10  | ≤0.1 | ≤0.5          | ≤0.3          | ≤0.1                        | ≤100*        | 255-265     | 0~1           |             | ≥98   |       |       |       |     |      |      |      | 0~1  | ≤1.0 |
| 单C16醇                | 白色片状物  | 48-51  | ≤10  | ≤0.1 | ≤0.5          | ≤0.5          | ≤0.15                       | ≤500*        | 225-235     | 0~1           |             | ≥98   |       |       |       |     |      |      |      | 0~1  | ≤1.0 |
| 单C18醇                | 白色片状物  | 57-60  | ≤10  | ≤0.1 | ≤0.5          | ≤0.5          | ≤0.15                       | ≤500*        | 203-210     | 0~1           |             | ≥98   |       |       |       |     |      |      |      | 0~1  | ≤1.0 |
| C16-18醇<br>(C16:70%) | 白色片状物  | 47-52  | ≤10  | ≤0.1 | ≤1.0          | ≤0.5          | ≤0.15                       | ≤500*        | 218-228     | 0~1           |             | 68~78 | 22~32 | 0~1   |       |     |      | ≤1.5 |      |      |      |
| C18-16醇<br>(C18:50%) | 白色片状物  | 48-53  | ≤10  | ≤0.1 | ≤1.0          | ≤0.5          | ≤0.15                       | ≤500*        | 213-223     | 0~1           |             | 45~50 | 50~55 | 0~1   |       |     | ≤1.0 |      |      |      |      |
| C18-16醇<br>(C18:70%) | 白色片状物  | 50-55  | ≤10  | ≤0.1 | ≤1.0          | ≤0.5          | ≤0.15                       | ≤500*        | 210-220     | 0~1           |             | 22~32 | 68~78 | 0~1   |       |     | ≤1.0 |      |      |      |      |

备注：所有产品主组分含量均≥98.5%

## Fatty Alcohols

| Item Specification  | Appearance 30 C         | MP C  | Color-APHA | Acid Value mgkoh/g | Saponification mgkoh/g | Iodine gl <sub>2</sub> /100g | Moisture (m/m) | Carbonyl Value mg/kg | Hydroxyl Value mgkoh/g | Composition%(by GC) |       |       |       |       |       |     |      |        |      |      |      |
|---------------------|-------------------------|-------|------------|--------------------|------------------------|------------------------------|----------------|----------------------|------------------------|---------------------|-------|-------|-------|-------|-------|-----|------|--------|------|------|------|
|                     |                         |       |            |                    |                        |                              |                |                      |                        | C6                  | C8    | C10   | C12   | C14   | C16   | C18 | ≥C20 | Alkane |      |      |      |
| C8-10               | Clear, No Extra Matters | -     | ≤10        | ≤0.1               | ≤1.0                   | ≤0.3                         | ≤0.1           | ≤150*                | 380-410                | 0~1                 | 45~75 | 25~55 | 0~1   |       |       |     |      |        | ≤1.0 |      |      |
| C12-14              | Clear, No Extra Matters | -     | ≤10        | ≤0.1               | ≤0.5                   | ≤0.3                         | ≤0.1           | ≤100*                | 285-295                | 0~1                 |       |       |       | 65~77 | 23~35 | 0~1 |      |        | ≤1.0 |      |      |
| C8                  | Clear, No Extra Matters | -     | ≤10        | ≤0.1               | ≤1.0                   | ≤0.3                         | ≤0.1           | ≤150*                | 425-432                | 0~1                 | ≥98   |       |       |       |       |     |      |        | 0~1  | ≤1.0 |      |
| C10                 | Clear, No Extra Matters | -     | ≤10        | ≤0.1               | ≤1.0                   | ≤0.3                         | ≤0.1           | ≤150*                | 351-357                | 0~1                 |       | ≥98   |       |       |       |     |      |        |      | 0~1  | ≤1.0 |
| C12                 | Clear, No Extra Matters | -     | ≤10        | ≤0.1               | ≤0.5                   | ≤0.3                         | ≤0.1           | ≤100*                | 295-303                | 0~1                 |       | ≥98   |       |       |       |     |      |        |      | 0~1  | ≤1.0 |
| C14                 | White Crystallized      | -     | ≤10        | ≤0.1               | ≤0.5                   | ≤0.3                         | ≤0.1           | ≤100*                | 255-265                | 0~1                 |       | ≥98   |       |       |       |     |      |        |      | 0~1  | ≤1.0 |
| C16                 | White Flake             | 48-51 | ≤10        | ≤0.1               | ≤0.5                   | ≤0.5                         | ≤0.15          | ≤500*                | 225-235                | 0~1                 |       | ≥98   |       |       |       |     |      |        |      | 0~1  | ≤1.0 |
| C18                 | White Flake             | 57-60 | ≤10        | ≤0.1               | ≤0.5                   | ≤0.5                         | ≤0.15          | ≤500*                | 203-210                | 0~1                 |       | ≥98   |       |       |       |     |      |        |      | 0~1  | ≤1.0 |
| C16-18<br>(C16:70%) | White Flake             | 47-52 | ≤10        | ≤0.1               | ≤1.0                   | ≤0.5                         | ≤0.15          | ≤500*                | 218-228                | 0~1                 |       | 68~78 | 22~32 | 0~1   |       |     |      | ≤1.5   |      |      |      |
| C18-16<br>(C18:50%) | White Flake             | 48-53 | ≤10        | ≤0.1               | ≤1.0                   | ≤0.5                         | ≤0.15          | ≤500*                | 213-223                | 0~1                 |       | 45~50 | 50~55 | 0~1   |       |     | ≤1.0 |        |      |      |      |
| C18-16<br>(C18:70%) | White Flake             | 50-55 | ≤10        | ≤0.1               | ≤1.0                   | ≤0.5                         | ≤0.15          | ≤500*                | 210-220                | 0~1                 |       | 22~32 | 68~78 | 0~1   |       |     | ≤1.0 |        |      |      |      |

Note: The main composition of all the products ≥98.5%