

Butyl lactate ≥ 98.0%, Natural

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| ● Product information | Product code | F22051 |
| | Trade name | Butyl lactate ≥ 98.0%, Natural |
| | Chemical name | Butyl-L-2-hydroxy propionate; Butyl-S-2-hydroxy propionate |
| | Synonyms | ---- |
| | CAS number | 34451-19-9 |
| | FEMA number | 2205 |
| | UN number | ---- |
| | HS number | 29181100.00 |
| | Hazard class | ---- |
| | Others | FCC, Kosher |
| ● Description | Clear, colorless to light yellow liquid, sweet cream-like and butter-like odor. Soluble in ethanol, ethyl ether, acetone, esters and other organic solvents .miscible with water, when partially hydrolyzed. | |
| ● Specification data | Odor | Sweet cream-like and butter-like odor |
| | Assay (GC) | Min.98.0% |
| | Color | Max.50 apha |
| | Acidity | Max.0.2% |
| | Water content (Karl fisher) | Max.0.3% |
| | Specific gravity/Density(25/25°C) | 0.970~0.990 |
| | Refractive index (20°C) | 1.418~1.422 |
| | Naturalness evaluation | C-14 activity test |
| ● Basic physical & Chemical properties | Boiling point | 170°C (760 Kpa) |
| | Freezing/Melting point | -43°C |
| | Flash point | 71°C |
| | Distillation range | 180~195°C |
| | Vapor pressure | 0.53 nPa (20°C) |
| | Molecular weight | 146.16 |
| | Molecular formula | C ₇ H ₁₃ O ₃ |
| ● Application | Used in flavors for dairy products, cheese, milk candy, nuts, coconut and so on. | |
| ● Other issues | Standard packing | Net 200kg per plastic drum. |
| | Storage | Store at a cool and dry place without light. Avoid oxidizing agents, alkaline substances. For more information, please refer to the MSDS. |
| | Shelf life | 12 months since the date of production when stored in required condition. |