

Butyl-L-lactate ≥ 98.0%, Natural

● Product information	Product code	F22051
	Trade name	Butyl-L-lactate ≥ 98.0%, Natural
	Chemical name	Butyl-L-2-hydroxy propionate; Butyl-S-2-hydroxy propionate
	Synonyms	----
	CAS number	34451-19-9 & 138-22-7
	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.