



Tilley Distribution, Inc.
355 Chestnut St
Norwood, NJ 07648

Specification

LACTONE MILK

10044-01

EU CAS#: 72881-27-7

FEMA #: 3742

US CAS#: 72881-27-7

Product Details

MOLECULAR FORM	C10H18O2	BOILING POINT (C)	
MOLECULAR WGT	170.25	FLASH POINT (F)	176
MELTING POINT (C)		SHELF LIFE (Days)	365
PHYSICAL STATE	LIQUID		

Specifications

Test	Range	Method
ODOR <small>Ofactory assessment</small>	POWERFUL MILK LIKE TENACIOUS ODOR SOMEWHAT GREN FRUITY NOTES	ORGANOLEPTIC
COLOR <small>Visual inspection</small>	CLEAR COLORLESS TO LIGHT YELLOW LIQUID	VISUAL
SPECIFIC GRAVITY (25C)	0.916 Minimum, 0.945 Maximum	FCC METHOD
REFRACTIVE INDEX (20C)	1.45 Minimum, 1.46 Maximum	FCC METHOD
GC ANALYSIS	PROFILE TO MATCH STANDARD	QC_30.M
PURITY (BY GC) <small>SUM OF ISOMERS</small>	98 Minimum, 100 Maximum	QC_30.M

Stability and Storage Conditions

STABLE UNDER NORMAL CONDITIONS

COMMENT

Quality Director:
James Koestler



SpecID. STD
Ver. 1
Ver. Date 5/4/2023