

Product LOT #	LAVENDER 40/42 ESSENTIAL C E21090108	DIL	
Manufacturing Date Shelf Life	10/2021 3 years		
Propertie	Specifications	Results	
Appearance Color Odor Specific Gravity 20 °C Refractive Index 20 °C Optical Rotation Limonene Linalol Acetate Octenyle	Limpid Liquid Colorless to pale yellow Characteristic 0.870 - 0.895 1.450 - 1.465 -4 to $-3\leq 1.528 - 43\leq 0.18$	Conform Pale yellow Conform 0.893 1.457 -0.9 0.3 33.4 0.05	
Geraniol Analysis GC	≤ 0.5	0.01 Conform	



Product LOT #	LAVENDER 40/42 ESSENTIAL (E21020019	DIL	
Manufacturing Date Shelf Life	11/2021 3 years		
Propertie	Specifications	Results	
Appearance Color Odor Specific Gravity 20 °C Refractive Index 20 °C Optical Rotation Linalol Acetate Octenyle Geraniol	Limpid Liquid Colorless to pale yellow Characteristic 0.870 - 0.895 1.450 - 1.465 -4 to $-328 - 43\leq 0.18\leq 0.5$	Conform Pale yellow Conform 0.8992 1.457 -1 0.3 33.9 0.03	
Limonene Analysis GC	≤ 0.5 ≤ 1.5	0.02 Conform	



Product LOT #	LAVENDER 40/42 ESSENTIAL OIL E20070015	
Manufacturing Date Shelf Life	09/2020 3 years	
Propertie	Specifications	Results
Appearance	Limpid Liquid	Conform
Color	Colorless to pale yellow	Pale yellow
Odor	Characteristic	Conform
Specific Gravity 20 °C	0.870 – 0.895	0.885
Refractive Index 20 °C	1.450 – 1.465	1.456
Optical Rotation	≥ -6	-1.2
Analysis GC		Conform



Product LOT # Shelf Life	LAVENDER 40/42 ESSENTIAL (21010086 5 years	DIL	
Propertie	Specifications	Results	
Appearance	Limpid Liquid	Conform	
Color	Colorless to pale yellow	Pale yellow	
Odor	Characteristic	Conform	
Specific Gravity 20 °C	0.870 – 0.895	0.893	
Refractive Index 20 °C	1.450 – 1.465	1.457	
Optical Rotation	-4 to -3	-1	
Limonene	≤ 1.5	0.2	
Linalol	28 – 43	33.9	
Acetate Octenyle	≤ 0.18	0.03	
Geraniol	≤ 0.5	0.02	
Analysis GC		Conform	



Product LOT # Shelf Life	LAVENDER 40/42 ESSENTIAL 0 E20100015 3 years	DIL	
Propertie	Specifications	Results	
Appearance	Limpid Liquid	Conform	
Color	Colorless to pale yellow	Pale yellow	
Odor	Characteristic	Conform	
Specific Gravity 20 °C	0.870 – 0.895	0.896	
Refractive Index 20 °C	1.450 – 1.465	1.457	
Optical Rotation	-4 to -3	-1.2	
Linalol	28 – 43	33.9	
Acetate Octenyle	≤ 0.18	0.02	
Geraniol	≤ 0.5	0.001	
Limonene	≤ 1.5	0.4	
Analysis GC		Conform	



Product Lot # Shelf Life	LAVENDER 40/42 ESSENTIAL C E20100014 3 years	NL	
Properties	Specifications	Results	
Appearance Aroma Color Specific Gravity @20 C Refractive Index @20 C Optical Rotation @20 C Limonene Linalol	Limpid Liquid Characteristic Colorless to pale Yellow 0.870 - 0.895 1.450 - 1.465 -4 to $-3\leq 1.528 - 43$	Conform Conform Pale Yellow 0.892 1.457 -1.3 0.4 33.9	
Acetate octenyle	≤ 0.18	0.03	
Geraniol GC Analysis	≤ 0.5	0.001 Conform	