

Product EUCALYPTUS ESSENTIAL OIL

 Lot #
 15276932

 Manufacturing Date
 03/2021

 Expiration Date
 03/2024

Properties	Specifications	Results	
Appearance	Liquid	Conform	
Color	Colorless - Pale Yelow	Conform	
Odor	Characteristic	Conform	
Specific Gravity @ 20°C	0.9060 - 0.9200	0.9118	
Refractive Index @ 20°C	1.4580 - 1.4650	1.4605	
Optical Rotation	2.00 - 10.0	4.02	
Flash Point <sup>0</sup> F (Closed up)	120	Conform	



Product EUCALYPTUS ESSENTIAL OIL

Lot #2101101Manufacturing Date03/2021Expiration Date03/2024

Properties	Specifications	Results	
Appearance	Liquid	Conform	
Color	Colorless	Conform	
Odor	Characteristic	Conform	
Specific Gravity @ 20°C		0.9094	
Refractive Index @ 20°C		1.4601	
Optical Rotation		3.278	



Product EUCALYPTUS ESSENTIAL OIL

 Lot #
 2020041

 Shelf Life
 3 years

Properties	Specifications	Results	
Appearance	Liquid	Conform	
Color	Colorless	Conform	
Odor	Characteristic	Conform	
Specific Gravity @ 20°C		0.911	
Refractive Index @ 20°C		1.4606	
Optical Rotation @ 20°C		+ 1.7990	
1.8-cineol %		80.6	



Product EUCALYPTUS ESSENTIAL OIL

 Lot #
 2022037

 Shelf Life
 3 years

Properties	Specifications	Results	
Appearance	Liquid	Conform	
Color	Colorless	Conform	
Odor	Characteristic	Conform	
Specific Gravity @ 20°C		0.912	
Refractive Index @ 20°C		1.463	
Optical Rotation @ 20°C		+ 2.25 <sup>0</sup>	
1.8-cineol %		80.3	



Product EUCALYPTUS ESSENTIAL OIL

**Lot #** 2027031 **Shelf Life** 3 years

Properties	Specifications	Results	
Appearance	Limpid Liquid	Conform	
Color	Colorless	Conform	
Odor	Characteristic	Conform	
Specific Gravity 20° C	0.906 - 0.925	0.911	
Refractive Index 20 <sup>0</sup> C	1.458 – 1.465	1.459	
Optical Rotation	≤ 10	3.2	
Alcohol Solubility 70	≤ 5	3	
1.8 Cineol	80 – 100	80.3	
Alpha Pinene	0.001 – 12	1.9	
Globulol	≤ 0.001	0	
Limonene	2 - 15	9.8	
Paracymene	1 – 10	4	
Trans Pinocarveol	0.001 - 6	<0.1	
Analysis GC		Conform	



Product EUCALYPTUS ESSENTIAL OIL

**Lot #** 1909071 **Shelf Life** 3 years

		Results	
Appearance	Limpid Liquid	Conform	
Color	Colorless	Conform	
Odor	Characteristic	Conform	
Specific Gravity 20 <sup>0</sup> C	≤ 10	3.5	
Refractive Index 20° C	≤ 5	4	
Optical Rotation	0.906 - 0.927	0.909	
Alcohol Solubility 70	1.458 – 1.470	1.461	
1.8 Cineol	1 – 10	1.4	
Alpha Pinene	0.001 – 6	0.001	
Globulol	≤ 0.001	0.001	
Limonene	0.001 - 12	0.3	
Paracymene	80 – 100	80.9	
Trans Pinocarveol	2 – 15	7.7	
Analysis GC		Conform	