

TEXAS CITRUS EXCHANGE

D-Limonene

QUALITY CERTIFICATE

Lot number:

Drums

Chemical and Physical characteristics

	Analysis
Aldehydes (%) w/w - expressed as decanal	0.55%
Optical Rotation - 100 mm tube (25°C)	97.6 °
Specific Gravity (25/25°C)	0.842
Refractive Index (20°C)	1.4745

Organoleptic characteristics

Color	Colorless, crystal clear.
Odor	Mildly Citrus odor

Chromatographic Analysis

Chem Station 6890 GC, HP 5MS, 30 M, ID 0.32 mm, 0.25 um

	Analysis
Percent of α -Pinene :	0.665
Percent of Sabinene	0.383
Percent of β -Pinene :	0.000
Percent of Myrcene :	1.957
Percent of Ocatalol :	0.089
Percent of D-Limonene :	95.496
Percent of Linalool :	0.080
Percent of Decanal :	0.047

Storage recommendations

- = D-Limonene deteriorate with exposure to air (oxidation), light, heat and water (humidity). Transfer oil from a larger partially filled container to a smaller, well filled container to reduce headspace to a minimum at all times.
- = This product is best when used within six months from date of purchase, if it is stored at 45°F (7.2°C) to 65°F (18.3°C) in the unopened original container.