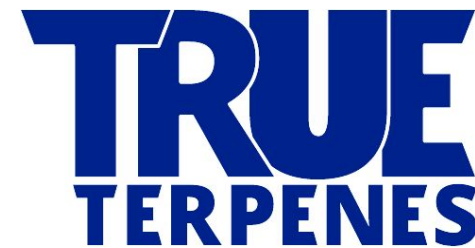


# Certificate of Analysis

Beta Pinene



**Date of Manufacture** 07/06/2017

**Date of Last Analysis** 07/10/2017

**Best if Used By** 07/06/2019

Characteristic	Result	Specification
<b>Purity (By GC)</b>	98.62	97.00 - 100.00
<b>Appearance</b>	Passes Test	Colorless liquid
<b>Odor</b>	Passes	Resinous-piney odor
<b>Refractive Index (@20c)</b>	1.4798	1.4770 - 1.4810
<b>Specific Gravity (@25c)</b>	0.8694	0.8670 - 0.8710
<b>Gas Chromatograph</b>	Passes Test	Passes Test
<b>Optical Rotation (@25)</b>	-18.75	-50.00 - -10.00

## Additional Product Information

**Shelf Life** 24 Months

**Storage Conditions** Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

**Flash Point** 95°F

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated.

