

## PRODUCT SPECIFICATION

### PINENE ALPHA (95%)

Code	01068
CAS	80-56-8
EINECS	201-291-9
FEMA No	2902
Structural Formula	C <sub>10</sub> H <sub>16</sub>
Molecular Weight	136.23
Tariff Number	2902191000



#### SENSORY DATA

Appearance	Colorless liquid
Odor	Fresh, piney

#### ANALYTICAL DATA

Item	Standard
Refractive Index (20°C)	1.464-1.468
Refractive Index (25°C)	-
Relative Density(20°C)	-
Relative Density(25°C)	0.855-0.860
Acid Value (KOH mg/g)	-
Melting Point(°C)	-
Water (%)	-
Optical Rotation(20°C)	-
Purity (%)	≥95
Solubility	1ml full soluble in 95%(V/V) ethanol 3 ml

#### OTHER DATA

Flash Point	90.00°F
Shelf Life	12 months
Storage Condition	Store in a cool, dry, well-ventilated area away from incompatible substances. A refrigerated room would be preferable.
Issue Date	8/1/2018

This specification applies to the recommended conditions for the duration of the shelf life.  
The above specification is subject to change upon further notice. Specification revisions may be required by various factors including changing regulations and individual product characteristics.