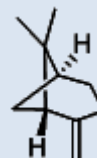


PRODUCT SPECIFICATION

PINENE BETA (98%)

Code	02056
CAS	127-91-3
EINECS	204-872-5
FEMA No	2903
Structural Formula	C ₁₀ H ₁₆
Molecular Weight	136.24
Tariff Number	2902191000



SENSORY DATA

Appearance	Colorless liquid
Odor	Resinous-piney

ANALYTICAL DATA

Item	Standard
Refractive Index (20°C)	1.477-1.481
Refractive Index (25°C)	-
Relative Density(20°C)	-
Relative Density(25°C)	0.867-0.871
Acid Value (KOH mg/g)	-
Melting Point(°C)	-
Water (%)	-
Optical Rotation(20°C)	-15°- -30°
Purity (%)	≥98.0
Solubility	One mL dissolves in 3mL of 95% ethanol.

OTHER DATA

Flash Point	95.00 °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