

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	L-Limonene, Natural
FEMA No:	N/A
CAS No:	5989-54-8
CFR No:	117
Chemical name or Synonyms:	1-methyl-4-(1-methylethenyl)-cyclohexene; 4-isopropenyl-1-methylcyclohexene
Empirical Formula:	C₁₀H₁₆O
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to pale yellow clear liquid
Odor:	Citrus
Boiling Point:	177°C
Flash Point:	53°C
Specific Gravity @ 25°C: (for liquids only)	0.837-0.842
Refractive Index @ 20°C: (for liquids only)	1.469-1.473
Purity (GLC):	95% Min
Solubility:	Soluble in organic solvents; Insoluble in water
Storage and Shelf Life:	Store in a cool, dry area away from light and ignition sources. 24 months shelf life

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