

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Ethyl Propionate, Natural
FEMA No:	2456
CAS No:	105-37-3
CFR No:	172.510
Chemical name or Synonyms:	Propanoic acid ethyl ester
Empirical Formula:	C ₅ H ₁₀ O ₂
Declaration in USA:	Natural
EEC:	Natural
Appearance:	Colorless liquid
Odor:	Fruity
Boiling Point:	99°C
Flash Point (For liquids only):	12°C
Acid Value:	NMT 2.0
Specific Gravity @ 25°C: (for liquids only)	0.885-0.889
Refractive Index @ 20°C: (For liquids only)	1.383-1.385
Purity (GLC):	97% Min
Solubility:	Soluble in most fixed oils; 1 ml in 43 ml water, miscible with alcohol and propylene glycol
Storage and Shelf Life:	Store under cool conditions in a clean environment away from heat and ignition sources. Recommended storage in unopened containers 24 months shelf life

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