

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Ethyl Levulinate, Natural
FEMA No:	2442
CAS No:	539-88-8
CFR No:	117
Chemical name or Synonyms:	Levulinic acid ethyl ester
Empirical Formula:	$C_7H_{12}O_3$
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to pale yellow liquid
Acid Value:	2.0 max
Odor:	Apple, pineapple, rhubarb
Boiling Point:	93°C
Flash Point:	91°C
Specific Gravity @ 25°C: (for liquids only)	1.008-1.015
Refractive Index @ 20°C: (for liquids only)	1.419-1.425
Purity (GLC):	98% Min
Solubility:	Soluble in alcohol; insoluble in water
Storage and Shelf Life:	Store in a cool, dry area away from light and ignition sources. 24 months shelf life

Revision #3 8/10/2022