

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Caramel Furanone (Fenugreek Lactone, Sotolone) 1% in EtOH, Natural
FEMA No:	3634
CAS No:	28664-35-9/64-17-5
CFR No:	117
Chemical name or Synonyms:	4,5-Dimethyl-3-Hydroxy-2(5H)Furanone
Empirical Formula:	C₆H₈O₃
Declaration in USA:	Natural
EEC:	Natural Flavoring Substance
Appearance:	Clear, pale yellow liquid
Odor:	Alcoholic caramel, maple
Boiling Point:	78°C
Flash Point:	16°C
Specific Gravity @ 25°C: (for liquids only)	0.8050-0.8250
Refractive Index @ 20°C: (for liquids only)	1.3550-1.3750
Purity (GLC):	0.8% Min
Solubility:	Soluble in water; soluble in most organic solvents
Storage and Shelf Life:	Store in tightly closed containers away from light and source of ignition in at max. temperature of 4°C 6 months shelf life

Revision #4 8/8/2022