

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Caramel Furanone (Fenugreek Lactone, Sotolone) 1% in TEC, Natural
FEMA No:	3634
CAS No:	28664-35-9 / 77-93-0
CFR No:	117
Chemical name or Synonyms:	4,5-Dimethyl-3-Hydroxy-2(5H)Furanone
Empirical Formula:	C ₆ H ₈ O ₃
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Tan to light brown liquid
Odor:	Caramel; Maple
Boiling Point:	127°C
Flash Point:	110°C
Specific Gravity @ 25°C: (for liquids only)	1.136-1.148
Refractive Index @ 20°C: (for liquids only)	1.438-1.448
Purity (GLC):	0.8% Min
Solubility:	Insoluble in water; soluble in most organic solvents
Storage and Shelf Life:	Store in tightly closed containers away from light and source of ignition at max. temperature of 20°C 12 months shelf life

Revision #3 8/8/2022