
Quality Assurance Standard Specifications Sheet

Product Name: Ethyl-4-Hydroxy-5-Methyl-3(2H)-Furanone,2-
Product Code: NA3623
Contents: Natural Flavor
Legal Status: FEMA GRAS# 3623
FL No. 13.084
Natural (EC) 1334/2008 Article 3(2)(c)
Natural US 21 CFR 101.22
CAS: 27538-09-6
Hno: 2932.19.5100
Storage Conditions: Cool dark area, <70F. Purge with Nitrogen
after each opening.
Shelf Life: 12 months
Appearance: Clear, Viscous
Liquid
Color: Light Yellow to Amber
Flavor/Odor: Sweet sugar-like / Sugary
Specific Gravity, 20°C: 1.127 - 1.147
Refractive Index, 20°C: 1.509 - 1.514
GC Purity: 96% minimum
Flash Point °C (°F): 85 (185)
Boiling Point °C (°F): 233 (451.4)
Flavor Use: Fruit, Meat, Coffee, Candy, Cola and Baked
Goods particularly effective in artificially
sweetened foods and beverages
Use Level: 0.005 - 5 ppm as consumed
Solubility: Alcohol, PG