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## Quality Assurance Standard Specifications Sheet

Product Name: 4-Ethoxy-2,5-Dimethyl-3(2H)Furanone  
Product Code: NA4104  
Contents: Natural Flavor  
Legal Status: FEMA GRAS# 4104  
FL No. 13.117  
Natural (EC) 1334/2008 Article 3(2)(c)  
CAS: 3025-30-7  
Natural US 21 CFR 101.22  
CAS: 65330-49-6  
Hno: 3302.10.1000  
Storage Conditions: Cool, dark area <70 F. Purge with Nitrogen after each opening.  
Shelf Life: 12 months  
Appearance: Clear  
Liquid  
Color: Colorless to Pale Pink  
Flavor/Odor: Sweet, sugar-like / Sugar-like  
Specific Gravity, 20°C: 1.039 - 1.079  
Refractive Index, 20°C: 1.471 - 1.475  
GC Purity: 98% minimum  
Flash Point °C (°F): 83 (181.4)  
Boiling Point °C (°F): 203 (397.4)  
Flavor Use: Fruit flavors including Pineapple, Raspberry, Strawberry, Sweet and Baked Goods  
Use Level: 0.1 - 0.5 ppm  
Solubility: Alcohol, Oil, PG