
Quality Assurance Standard Specifications Sheet

Product Name: 2,5-Dimethyl-3(2H)-furanone
Product Code: NA4101
Contents: Natural Flavor
Legal Status: FEMA GRAS# 4101
FL No. 13.119
Natural (EC) 1334/2008 Article 3(2)(c)
Natural US 21 CFR 101.22
CAS: 14400-67-0
Hno: 2932.19.1000
Storage Conditions: Cool dark area, <70 F. Purge with Nitrogen after each opening.
Shelf Life: 12 months
Appearance: Clear
Liquid
Color: Pale Yellow to Orange
Flavor/Odor: Sweet, roasted, bread-like, buttery and burnt sugar notes / Caramel-like
Specific Gravity, 20°C: 1.03 - 1.07
Refractive Index, 20°C: 1.47 - 1.49
GC Purity: 95% minimum
Flash Point °C (°F): 70 (158)
Boiling Point °C (°F): 172 (341.6)
Flavor Use: Caramel, bread, dairy, maple, meat and coffee
Use Level: 12.5 to 100 ppm as consumed
Solubility: Alcohol, Oil, PG