

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-31 11:38:21
 Date of Next Testing: 2028-03-30 11:38:21
 Product Name: **2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone**
 CAS Number: 27538-10-9
 Specifications & Purity: $\geq 95\%$ (GC)
 Lot #: C2623146
 SKU #: **E135752**
 Version: **0**
 Analysis #: **683188**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.137-1.142	1.13800
Purity(Neutralization titration)	96.5-103.5 (%)	97.70000 %
Refractive index n _{20/D}	1.509-1.513	1.50900
Purity(GC)	95-100 (%)	98.25000 %
Appearance (E135752)	Colorless to Yellow to Green Liquid or Vis.Liquid	Colorless to Yellow to Green Liquid or Vis.Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 95% EtOH , Colorless to Light Yellowpass		Pass
Clear ,c = 50mg/ml		



John Su
QA & QC Manager