

PRODUCT IDENTITY

PRODUCT NAME	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone	PRODUCT NUMBER	E135752
Grades & Purity	≥95%(GC)	VERSION	3
CAS NUMBER	27538-10-9	FORMULA	C ₇ H ₁₀ O ₃
FORMULA WEIGHT	142.15g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Density (20°C)	1.137-1.142
Purity(Neutralization titration)	96.5-103.5 (%)
Refractive index n ₂₀ /D	1.509-1.513
Purity(GC)	95-100 (%)
Appearance (E135752)	Colorless to Yellow to Green Liquid or Vis.Liquid
Infrared spectrum	Conforms to Structure
Solubility in 95% EtOH , Colorless to Light Yellow Clear ,c = 50mg/ml	pass