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## Typical Product Specifications & Properties

# Formic Acid (Fragrance Grade)

CAS Number: : 64-18-6

Specifications	Limits
Density	1.22 (204 c)
Surface Tension	37.58 dynescm
Dielectric Constant	58.5
Auto/Self Ignition Temperature	temp. 539 c
Vapor Density	1.6
Appearance	colorless clear fuming liquid
Boiling Point	100.00 to 101.00 °C. @ 760.00 mm Hg
Specific gravity	1.22000 @ 25.00 °C
Melting Point	8.20 to 8.40 °C. @ 760.00 mm Hg
Boiling Point	29.00 to 30.00 °C. @ 50.00 mm Hg
Vapor Pressure	36.477000 mm/Hg @ 25.00 °C
Flash Point	156.00 °F.TCC



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Specifications	Limits
Odor Type	acidic
Refractive Index	1.37040 @ 20.00 °C
Taste	Acetic, astringent, fruity, mustard, bready, with a pyruvic acid nuance
Odor	Sharp, penetrating, acetic, fruity with a fermented nuance
Assay	96.00 to 100.00 %
Color	colorless fuming liquid
Molecular weight	46.03
Solubility	water, alcohol, ether



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