



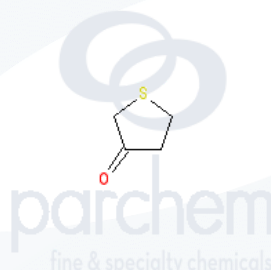
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## Typical Product Specifications & Properties

# 3-tetrahydrothiophenone

CAS Number: : 1003-04-9

Specifications	Limits
Density	1.192
Chemical Structure	
Molecular weight	102.16
Specific gravity	1.19400 to 1.19900 @ 20.00 °C
Boiling Point	174.00 to 175.00 °C. @ 760.00 mm Hg
Boiling Point	86.00 to 87.00 °C. @ 25.00 mm Hg
Flash Point	171.00 °F.TCC
Taste	Onion, garlic, cooked meaty with vegetable nuances
Shelf Life	12.00 month(s) or longer if stored properly
Storage	refrigerate in tightly sealed containers. store under nitrogen
Assay	97.00 to 100.00 %
Appearance	colorless to yellow clear liquid



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Specifications	Limits
Pounds/Gallon	9.947 to 9.989
Refractive Index	1.52700 to 1.53100 @ 20.00 °C
Vapor Pressure	1.160000 mm/Hg @ 25.00 °C
Vapor Density	>1
logP (o/w)	-0.29
Odor Type	alliaceous
Odor	Alliaceous, cooked meaty with green vegetable nuances



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