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Typical Product Specifications & Properties

3-mercapto-2-methyl pentanal

CAS Number: : 227456-28-2

Specifications	Limits
Appearance	colorless to yellow clear viscous liquid
logP (o/w)	1.76
Odor	sulfurous, savory grilled or roasted beef, cooked chicken, garlic, tropical fruit, cultured dairy
Assay	96.00 to 100.00 %
Specific gravity	1.09500 to 1.10300 @ 25.00 °C
Pounds/Gallon	9.111 to 9.178
Refractive Index	1.52300 to 1.52900 @ 20.00 °C
Acid Value	1.00 max. KOH/g
Vapor Pressure	0.980000 mm/Hg @ 25.00 °C
Flash Point	143.00 °F.TCC
Odor Type	sulfurous
Taste	Sulfurous, alliaceous, roasted savory, cooked onion, sauteed garlic, mango, passionfruit



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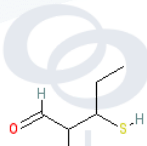
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Specifications	Limits
Boiling Point	98.00 to 100.00 °C. @ 10.00 mm Hg
Chemical Structure	 <p>The chemical structure shows a central carbon atom bonded to a hydrogen atom, an aldehyde group (-CHO), an ethyl group (-CH2CH3), and a thioethyl group (-S-CH2CH3).</p>



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