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## Typical Product Specifications & Properties

# 3-(5-methyl-2-furyl) butanal

CAS Number: : 31704-80-0

Specifications	Limits
Boiling Point	93.00 to 94.00 °C. @ 14.00 mm Hg
Acid Value	3.00 max. KOH/g
Odor Type	green
Specific gravity	1.00600 to 1.01200 @ 25.00 °C
Vapor Pressure	1.300000 mm/Hg @ 25.00 °C
Pounds/Gallon	8.371 to 8.421
Boiling Point	88.00 to 91.00 °C. @ 12.00 mm Hg
logP (o/w)	2.01
Appearance	colorless to pale yellow clear liquid
Assay	98.00 to 100.00 %
Refractive Index	1.57500 to 1.58100 @ 20.00 °C
Flash Point	136.00 °F.TCC



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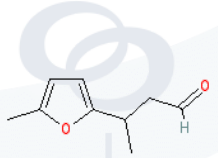
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Specifications	Limits
Odor	Green, vegetable, fruity with fatty nuances
Taste	Green,fruity with fatty nuances
Insolubility	in water
Molecular weight	152.1926
Color	colorless to pale yellow liquid
Solubility	alcohol
Chemical Structure	 <p>The chemical structure shows a furan ring with a methyl group at the 2-position and a 2-methylbut-3-en-1-yl group at the 4-position. The furan ring is a five-membered aromatic heterocycle with an oxygen atom. The side chain consists of a propyl chain with a methyl group on the second carbon and an aldehyde group at the end.</p>



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