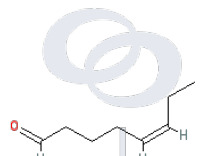


Typical Product Specifications & Properties

(Z)-5-octen-1-al

CAS Number: 41547-22-2

Specifications	Limits
Appearance	colorless clear liquid
Assay	85.00 to 100.00 % sum of isomers
Additional Assay Information	(E)-isomer: 10% - 15%
Specific gravity	0.84500 to 0.85300 @ 20.00 °C
Pounds/Gallon	7.039 to 7.106
Refractive Index	1.43600 to 1.44100 @ 20.00 °C
Boiling Point	62.00 °C. @ 760.00 mm Hg
Vapor Pressure	1.300000 mm/Hg @ 25.00 °C
Flash Point	122.00 °F. TCC
logP (o/w)	2.63
Odor Type	fruity
Odor	fruity
Chemical Structure	 The chemical structure of (Z)-5-octen-1-al is shown. It consists of an eight-carbon chain with an aldehyde group at C1 and a double bond between C5 and C6 in the Z configuration. The structure is drawn in a skeletal format with a red oxygen atom on the aldehyde group and a white hydrogen atom on the double bond.