Typical Product Specifications & Properties

aldehyde C16

CAS Number: : 77-83-8

Specifications	Limits
Density	1.104-1.123
Appearance	colorless to pale yellow clear liquid
Refractive Index	1.49900 to 1.51200 @ 20.00 °C
Acid Value	2.00 max. KOH/g
Vapor Pressure	0.005710 mm/Hg @ 25.00 °C
Storage	refrigerate in tightly sealed containers. moisture Sensitive
Taste	Sweet, berry, strawberry, fruity, tutti frutti and floral nuances
Assay	98.00 to 100.00 % sum of isomers
Flash Point	> 200.00 °F.TCC
Pounds/Gallon	9.037 to 9.253
Specific gravity	1.08600 to 1.11200 @ 25.00 °C
Boiling Point	272.00 to 275.00 °C. @ 760.00 mm Hg

Specifications	Limits
logP (o/w)	2.43
Shelf Life	12 month(s) or longer if stored properly
Odor Type	fruity
Odor	Sweet, fruity strawberry-like with floral honey undertones
Insolubility	in glycerin
Molecular weight	206.24
Color	colorless to pale yellow liquid
Solubility	3 vols. of 60 alcohol