



LMFLEX

# Lemon-Flex Company Limited China

## Certificate of Analysis

Glycerol Triacetate occurs colorless transparent oily liquid,with bitter taste, nontoxic, slightly soluble in water, Soluble in many kinds of organic solvents.

<b>Product Name</b>	<b>Full Name:</b>	<b>Glycerol Triacetate (Tech Grade)</b>		
	<b>Short Name:</b>	<b>Triacetin</b>		
	<b>Synonyms:</b>	<b>GTA</b>		
<b>Structural Formula</b>	<b>C<sub>9</sub>H<sub>14</sub>O<sub>6</sub></b>	<b>CAS No.</b>	<b>102-76-1</b>	
		<b>Production Date</b>	<b>NOV.14,2021</b>	
		<b>Expiry date</b>	<b>NOV.14,2022</b>	
		<b>Batch No.</b>	<b>211114</b>	
<b>Physical Properties</b>	<b>Molecular Weight</b>	<b>218.20 (provided by IUPAC in 1995)</b>		
	<b>Boiling Point</b>	<b>258°C (0.101mpa)</b>		
	<b>Flash Point</b>	<b>140~143°C</b>		
<b>Specifications</b>	<b>Items</b>	<b>Standard</b>	<b>Test Result</b>	
	<b>1. Appearance</b>	<b>Colorless Transparent Liquid</b>	<b>PASS</b>	
	<b>2. Content</b>	<b>98.50% min</b>	<b>99.34%</b>	
	<b>3. Color (Pt-Co)</b>	<b>15# max</b>	<b>12#</b>	
	<b>4. Water</b>	<b>≤0.02%</b>	<b>0.0048%</b>	
	<b>5. Acidity (As Acid)</b>	<b>≤0.005%</b>	<b>0.0034%</b>	
	<b>6. Refractive Index (25°C/D)</b>	<b>1.430~1.435</b>	<b>1.430</b>	
	<b>7. Relative Density (25/25°C)</b>	<b>1.154~1.164</b>	<b>1.157</b>	
	<b>8. Heavy Metals (as Pb)</b>	<b>≤5 ppm</b>	<b>PASS</b>	
	<b>9. Arsenic</b>	<b>≤1 ppm</b>	<b>PASS</b>	
<b>Storage</b>	<b>Store under dry and cool condition, and keep product air-tight.</b>			
<b>Remark</b>	<b>NET 1150KG/ IBCS,60 IBC/69000KGS</b>			

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Issue Date: 2021/12/02

