



# Chemball (Hangzhou) Chemicals Co., Ltd.

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## 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.

Product Name	Full Name:	Glycerol Triacetate(foundry grade)		
	Short Name:	Triacetin		
	Synonyms:	GTA		
Structural Formula	C <sub>9</sub> H <sub>14</sub> O <sub>6</sub>	CAS No.	102-76-1	
		Production Date	2022/06/19	
		Batch No.	220619	
Physical Properties	Molecular Weight	218.20 (provided by IUPAC in 1995)		
	Boiling Point	258 ℃ ( 0.101mpa )		
	Flash Point	140~143 ℃		
Specifications	Items	Standard	Test Result	
	1. Appearance	Colorless Transparent Liquid		Pass
	2. Content	99% min		99.15%
	3. Color (Pt-Co)	30# max		23
	4. Water	≤0.05%		0.038%
	5. Acidity (mgKOH/g)	≤0.01%		0.0065%
	6. Refractive Index ( 25℃/D )	1.430 ~ 1.435		1.431
	7. Relative Density (25/25℃)	1.154 ~ 1.164		1.156
	8. Heavy Metals (as Pb)	≤5 ppm		Pass
	9. Arsenic	≤3 ppm		Pass
Packaging	Standard Packaging: 240kgs/ Iron Drum or 1150kgs/IBC	Expiry Date	2 years	
Storage	Store under dry and cool condition, and keep product air-tight.			
Remark	Pass			

Checker:

Reporter:

Issue Date: