



Chemball (Hangzhou) Chemicals Co., Ltd.

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CERTIFICATE OF ANALYSIS

Product Name	Full Name:	Glycerol Triacetate(food grade)		
	Short Name:	Triacetin		
	Synonyms:	GTA		
Structural Formula	C ₉ H ₁₄ O ₆	CAS No.	102-76-1	
		Production Date	2022/02/25	
		Batch No.	220225	
Physical Properties	Molecular Weight	218.20 (provided by IUPAC in 1995)		
	Boiling Point	258 °C (0.101mpa)		
	Flash Point	140 ~ 143 °C		
Specifications	Items	Standard	Test Result	
	1. Appearance	Colorless Transparent Liquid		Pass
	2. Content	99.5% min		99.65%
	3. Color (Pt-Co)	15# max		12
	4. Water	≤0.05%		0.03%
	5. Acidity (mgKOH/g)	≤0.005%		0.0032%
	6. Refractive Index (25 °C/D)	1.430 ~ 1.435		1.431
	7. Relative Density (25/25 °C)	1.154 ~ 1.164		1.158
	8. Heavy Metals (as Pb)	≤5 ppm		Pass
	9. Arsenic	≤1 ppm		Pass
Packaging	Standard Packaging: 200L Iron Drum	Expiry Date	1 year	
Storage	Store under dry and cool condition, and keep product air-tight.			
Remark	Pass			

Checker:

Reporter:

Issue Date: