



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.

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	FEB.15,2022	
		Expiry date	FEB.15,2023	
		Batch No.	220215	
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	99.50% min		99.86%
	3. Color (Pt-Co)	15# max		8#
	4. Water	≤0.05%		0.0024%
	5. Acidity (As Acid)	≤0.002%		0.0012%
	6. Refractive Index (25℃/D)	1.429~1.431		1.430
	7. Relative Density (25/25℃)	1.154~1.158		1.157
	8. Heavy Metals (as Pb)	≤5 ppm		PASS
9. Arsenic	≤1 ppm		PASS	
Storage	Store under dry and cool condition, and keep product air-tight.			
Remark	PACKING:NET 21000 KGS/ISO TANK INVOICE NO.: LF--220217GTA L/C NO.: M10NF2201NU00370			

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Reporter: CHEN PING

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