

Certificate Of Analysis

Product Name	Triacetin (Food grade)	Batch No.	2303161556
Sample Qty Base	8000.15KGS	MFG. Date	2023.03.16
Report Date	2023.03.17	EXP. Date	2025.03.15
CAS NO	102-76-1	Packing	1IBC / Drum
Item	Standard	Test Results	
Appearance	Colorless Transparent Liquid	Complies	
Solubility	Sparingly soluble in 0.1 N sodium hydroxide solution, slightly soluble in water and 0.1 N hydrochloric acid, practically insoluble in ethanol.	Complies	
Identification	A. Infrared Absorption	Complies	
	B. The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation obtained as directed in the Assay	Complies	
Appearance of Solution	The solution should be clear and colorless, if opalescent, should not more opalescent than reference 1; if colored, not more intensely colored than Y2.	Complies	
Color (Pt-Co)	≤20	15	
Water	≤0.05%	0.045%	
Acidity (mgKOH/g)	≤0.005%	0.0048%	
Refractive Index (25°C/D)	1.430~1.435	1.431	
Relative Density (25/25°C)	1.154~1.164	1.158	
Heavy Metals (as Pb)	≤5 ppm	Complies	
Arsenic	≤3 ppm	Complies	
Content	≥99.5%	99.51%	
Storage	Preserve in a tightly closed container and protected from light	Complies	
Conclusion	The batch conforms to the QB/T 8277-87 standard.		

Reported By: 张丽川 Checked By: 程雪 QC Manager: 郭毅军 QA Manager: 郭毅军

