



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Terpinyl Acetate

Product Information

Product Number TER-20260218
Batch Number TER-SH2026021801
Brand SIGALD
CAS Number 80-26-2
MDL Number MFCD00008920
Formula $C_{12}H_{20}O_2$
Formula Weight 196.29 g/mol
Quality Release Date 18 FEB 2026

Test Results

Test	Specification (Fragrance & Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Odor	Characteristic piney, floral aroma	Complies	-	Sensory Evaluation (GC-O)
Assay (Terpinyl Acetate)	$\geq 98.0\%$	99.2%	%	Gas Chromatography (GC-FID)
Refractive Index (n_{20}^D)	1.4640-1.4680	1.4665	-	Abbe Refractometer
Relative Density (20/20°C)	0.930-0.938	0.934	-	Hydrometer Method
Acid Value (mg KOH/g)	≤ 1.0	0.3	mg KOH/g	Titrimetric Method
Water Content	$\leq 0.1\%$	0.03%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Residue on Evaporation	$\leq 0.05\%$	0.01%	%	105°C, 2 hours Evaporation
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with fragrance and industrial standards for Terpinyl Acetate and meets all specified requirements. It is qualified for use.

Issue Date:18 FEB 2026