



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issued Date: February 18, 2026

Document No.: COA-FARN-260218

Batch No.: FAN-260212-JS

- **Manufacturer:** NEWAY SINOPHC TECH. LIMITED

Product Name: Farnesol

CAS No.: 4602-84-0 |

EC No.: 225-004-1 |

Molecular Formula: C₁₅ H₂₆ O |

MW: 222.37

Test Item	Specification	Test Method	Result	Pass/Fail
Appearance	Colorless to pale yellow clear liquid	Visual	Colorless clear liquid	Pass
Odor	Characteristic floral, balsamic, woody	Olfactory	Conforms	Pass
Assay (GC)	≥ 98.0%	GC-FID	98.7%	Pass
Water Content	≤ 0.10%	Karl Fischer	0.04%	Pass
Acid Value (mg KOH/g)	≤ 1.0	Titration	0.32	Pass
Refractive Index (20°C)	1.483–1.489	Refractometry	1.486	Pass
Relative Density (20/20°C)	0.880–0.888	Pycnometry	0.884	Pass
cis/trans Isomer Ratio	trans-Farnesol ≥ 90.0%	GC-FID	92.5%	Pass
Peroxide Value (meq/kg)	≤ 10.0	Iodometric Titration	3.8	Pass
Residue on Evaporation	≤ 0.10%	Gravimetric	0.03%	Pass

Conclusion: This batch conforms to the specifications for fragrance grade Farnesol (4602-84-0).