



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Trans-Anethole Product Information

Product Number TA-20260220
Batch Number TA-SH2026022001
Brand SIGALD
CAS Number 104-46-1
MDL Number MFCD00008755
Formula C₁₀ H₁₂O
Formula Weight 148.20 g/mol
Quality Release Date 20 FEB 2026

Test Results

Test	Specification (Industry/Food/Cosmetic Grade)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	Colorless transparent	-	Visual Inspection
Appearance (Form)	Liquid (crystalline at low temp)	Liquid	-	Visual Inspection
Assay (Trans- Anethole)	≥ 99.0% (Food/Cos ≥99.5%)	99.7%	%	Gas Chromatography (GC)
Melting Point	21-23°C	22.1°C	°C	Melting Point Apparatus
Boiling Point	234-237°C	235.6°C	°C	Distillation Method
Refractive Index (n ₂₀ ^D)	1.5570-1.5610	1.5592	-	Abbe Refractometer
Relative Density (20/20°C)	0.988-0.992	0.990	g/cm ³	Hydrometer Method
Flash Point (Closed Cup)	≥ 90°C	92°C	°C	Pensky-Martens Closed Cup
Water Content	≤ 0.1%	0.03%	%	Karl Fischer Titration
Residue on Ignition	≤ 0.1%	0.02%	%	Ignition at 600±50°C
Heavy Metals (Pb)	≤ 5 ppm (Food/Cos ≤1 ppm)	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.05 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Ethanol Solubility	Miscible (1:10)	Clear solution	-	Visual Inspection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of Trans-Anethole has been tested in accordance with national and industrial standards for aromatic chemicals, and meets all specified requirements for food, cosmetic, pharmaceutical and industrial grade use. It is qualified for release and application.
Issue Date:20 FEB 2026