



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

- Hydroxyisohexyl-3-Cyclohexen

Issue Date: 20 February 2026 **Product Name:** Hydroxyisohexyl-3-Cyclohexen **CAS Number:** 31906-04-4
Product Number: HICH-20260220 **Batch Number:** HICH-SH2026022001 **Brand:** SIGALD **Formula:** C₁₂H₂₂O
Molecular Weight: 182.30 g/mol

Test Item	Specification (Industry Standard)	Test Result	Unit	Test Method
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection (25°C)
Appearance (Color)	Colorless to pale yellow	Colorless	-	Visual Inspection (25°C)
Odor	Characteristic mild floral/wooden scent	Characteristic mild floral/wooden scent	-	Sensory Test
Assay	≥ 98.0%	99.2%	%	Gas Chromatography (GC)
Boiling Point	190-200°C	195.5°C	°C	Distillation Method
Melting Point	≤ -20°C	-25°C	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (25°C)	1.4600-1.4700	1.4658	-	Abbe Refractometer
Relative Density (25/25°C)	0.920-0.930	0.926	g/cm ³	Hydrometer Method
Water Content	≤ 0.5%	0.15%	%	Karl Fischer Titration
Residue on Evaporation	≤ 0.1%	0.03%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 10 ppm	< 2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	< 0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)

Certification

This batch of Hydroxyisohexyl-3-Cyclohexen has been tested in accordance with the relevant industrial standards and all test results meet the specified requirements. The product is qualified for use.