



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis - α -Ionone

Product Name: α -Ionone

Issue Date: 15 FEB 2026

Quality Release Date: 15 FEB 2026

Product Information	
Product Number	AI-20260215
Batch Number	AI-SH2026021501
Brand	SIGALD
CAS Number	127-41-3
MDL Number	MFCD00001500
Formula	C ₁₃ H ₂₀ O
Formula Weight	192.30 g/mol

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless to pale yellow	-	Visual Inspection	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (α -Ionone)	≥ 98.0%	98.7	%	Gas Chromatography (GC)
Boiling Point	237-240°C	238.5	°C	Distillation Method
Melting Point	-45 to -42°C	-43.8	°C	Differential Scanning Calorimetry (DSC)
Refractive Index (20°C)	1.4980-1.5020	1.5005	-	Abbe Refractometer
Relative Density (20/20°C)	0.930-0.936	0.933	-	Hydrometer Method
Water Content	≤ 0.1%	0.06	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 10 ppm	2.1	ppm	Atomic Absorption Spectrometry (AAS)
Residue on Ignition	≤ 0.05%	0.02	%	Gravimetric Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of α -Ionone has been tested in accordance with the relevant industrial standards for fine chemical raw materials and meets all specified requirements. It is qualified for use.