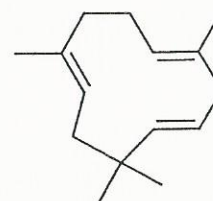




INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

025424S alpha-HUMULENE Lot No.: 17033017

IDENTIFICATION

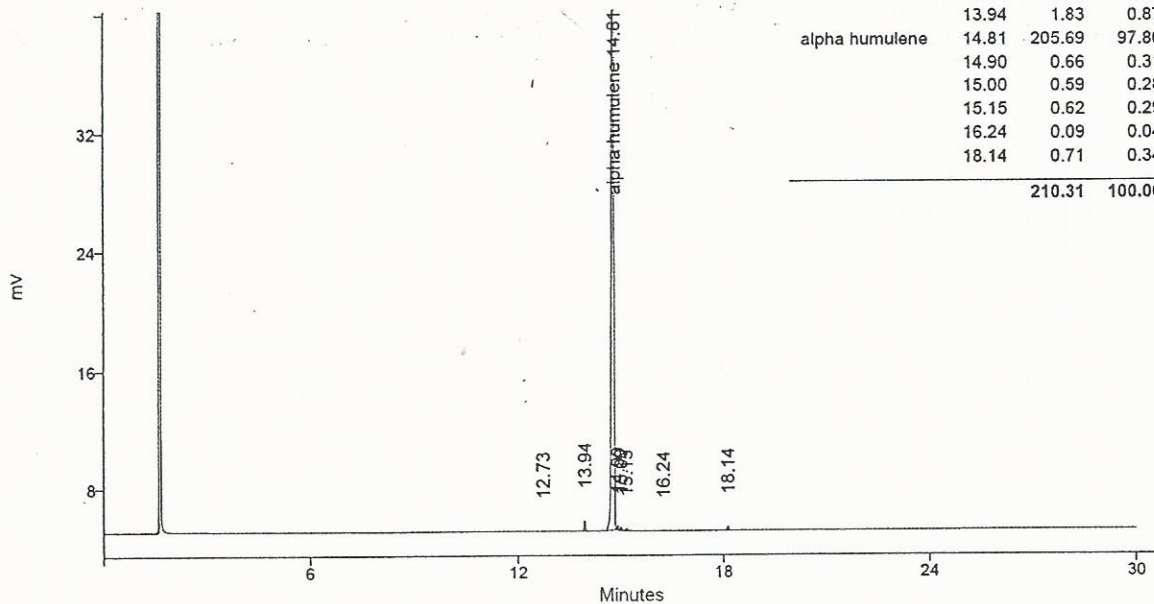
CAS Number	[6753-98-6]
Molecular formula	C ₁₅ H ₂₄
Molecular weight	204.36

ANALYSIS

TEST	SPECIFICATION (June 2016, version 10)	RESULT
Appearance	Liquid	Conform
Moisture	—	< 0.2 %
Assay (GC)	≥95%	Conform

GC

Column	DB5 capillary 30m x 0.32 mm x 0.25 μm
Temperature	Column 70 to 220°C (5°C/min) Injector 200°C, Detector 230°C
Detector	FID
Carrier gas	Helium 1 ml/min
Sample solvent	Isopropanol



The values given on the 'Certificate of Analysis' are the results determined at the time of analysis

Storage

Irritant. Store at +2/8°C.