



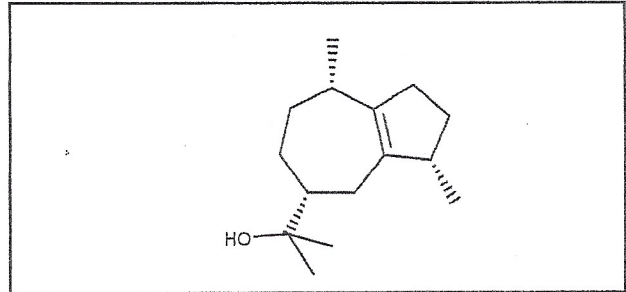
INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

023803**(-)-GUAIAL****Lot No.: 23040406**

CAS RN	489-86-1
MOL FORMULA	C ₁₅ H ₂₆ O
MOL WEIGHT	222,37



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Colourless to white crystals	Conform
Chirality	Optical rotation	°	c = 1 in ethanol	- 31
Water content	KF	% w/w		< 0,2
Residual solvents	GC-HS	% w/w		0,2
Assay	GC	% area	≥ 98,0	98,5

GC CHROMATOGRAM

Column : DB5 capillary 30m x 0,32mm x 0,25µm

Carrier gas : Helium 1ml/min

Temperature : Column 70 to 220°C (5°C/min)

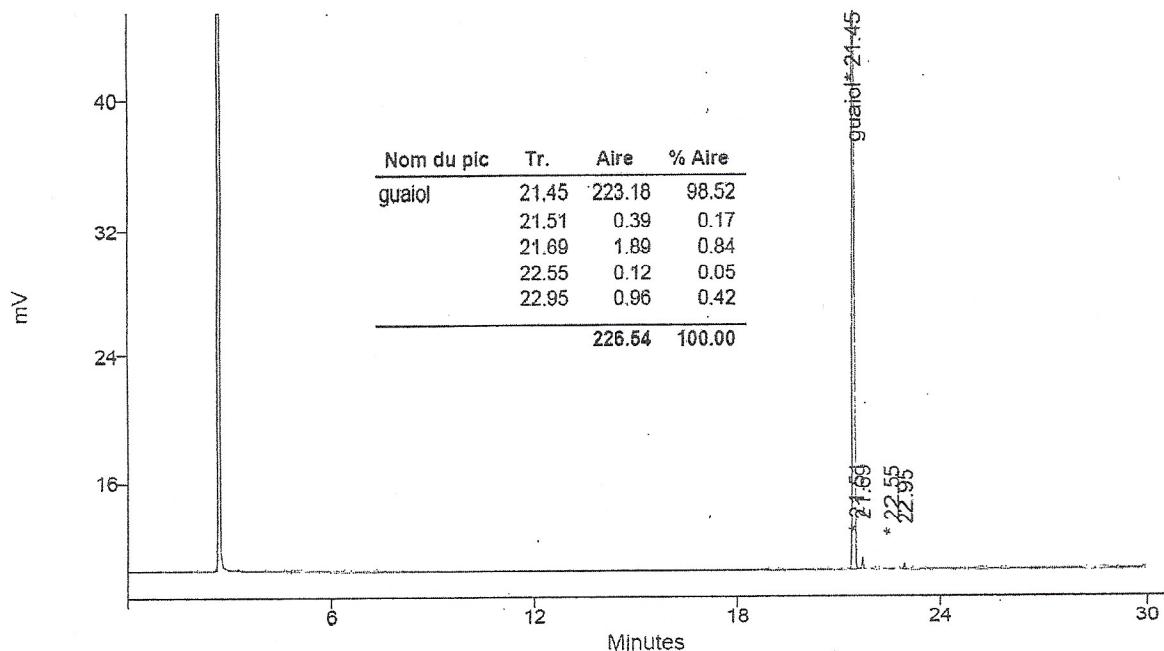
Split : 1/20

Injector 200°C, Detector 230°C

Injection volume : 0,5 µl

Detector : FID

Injection solvent : isopropanol



LONG TERM STORAGE : Below 8°C in a dry and dark place