INDOFINE Chemical Company, Inc.
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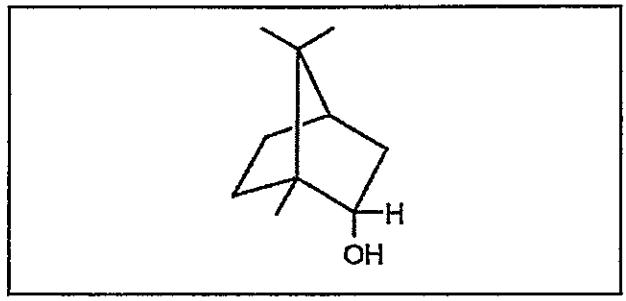
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis

025421S (+)-BORNEOL Lot No.: 26020815

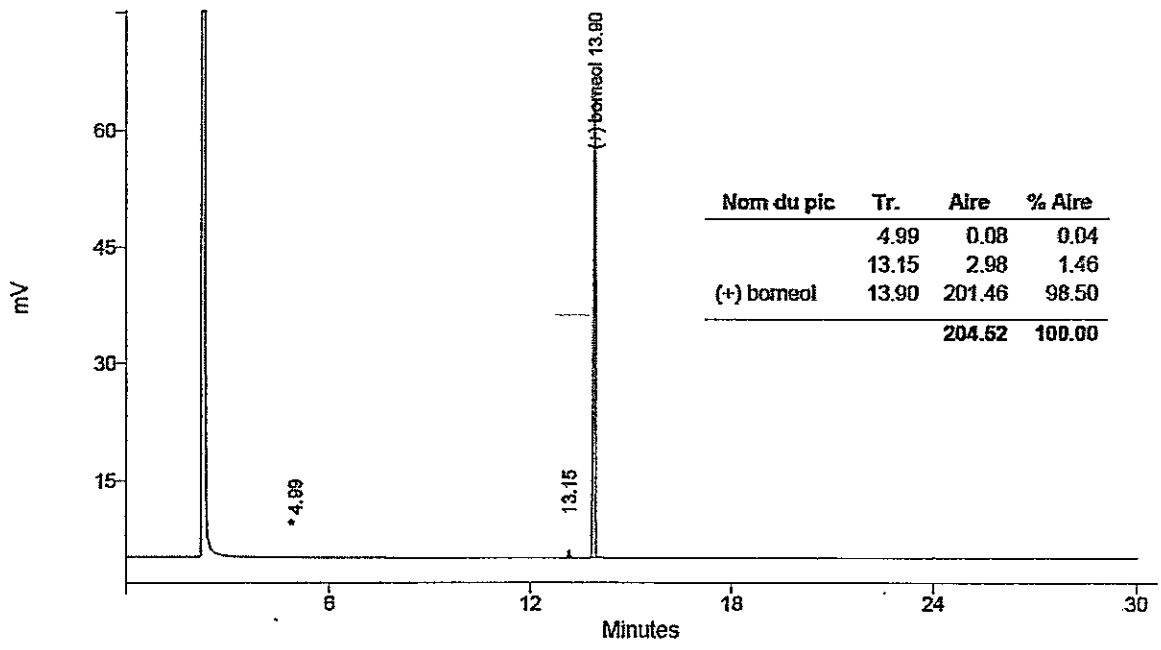
CAS RN	464-43-7
MOL FORMULA	$C_{10}H_{18}O$
MOL WEIGHT	154,25



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		White to beige coloured solid	Conform
Chirality	Optical rotation	°	c = 0,6 in methanol	+ 35
Melting point	Visual	°C		206 - 208
Water content	KF	% w/w		< 0,2
Assay	GC	% area	≥ 96,0 (sum of enantiomers)	98,5

GC CHROMATOGRAM

Column :	Solgel-wax capillary 30m x 0,25mm 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



Nom du pic	Tr.	Aire	% Aire
	4.99	0.08	0.04
	13.15	2.98	1.46
(+) borneol	13.90	201.46	98.50
		204.52	**100.00**

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