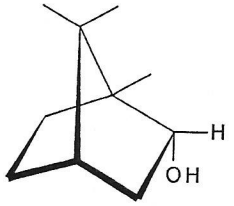
INDOFINE Chemical Company, Inc.
121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179



Certificate Of Analysis

025006S (-)-BORNEOL Lot No.: 14032507

IDENTIFICATION

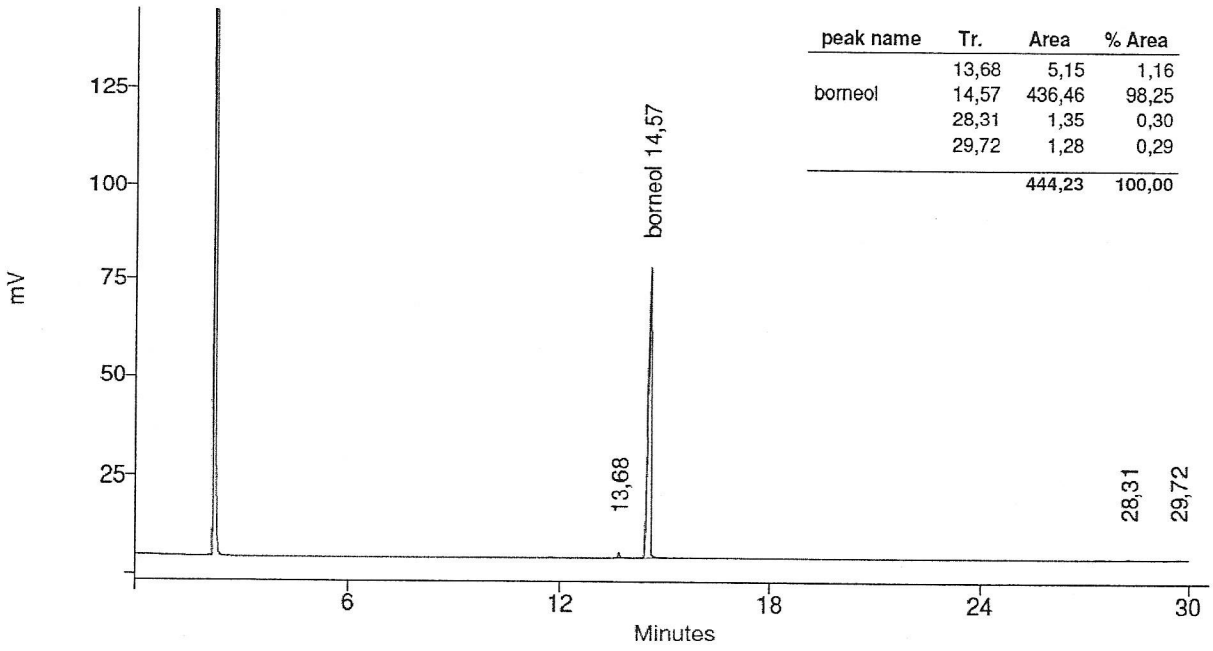
CAS Number	[464-45-9]
Molecular formula	$C_{10}H_{18}O$
Molecular weight	154.25

ANALYSIS

TEST	SPECIFICATION *(January 2009, version 01)*	RESULT
Appearance	Solid	Solid
$[\alpha]_D$	- (37±5)°, c=5 in ethanol	-36.2°
Melting point	_____	208-209°C
Assay (GC)	≥98% (sum of enantiomers)	Conform

GC

Column	Carbowax 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	Hydrogen 6 psi
Sample solvent	Isopropanol



peak name	Tr.	Area	% Area
	13,68	5,15	1,16
borneol	14,57	436,46	98,25
	28,31	1,35	0,30
	29,72	1,28	0,29
		444,23	100,00

Date of last QC-recheck: *October 2012*
Date of retest: *October 2016*

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

Storage **Flammable; harmful.** Store at +2/8°C.