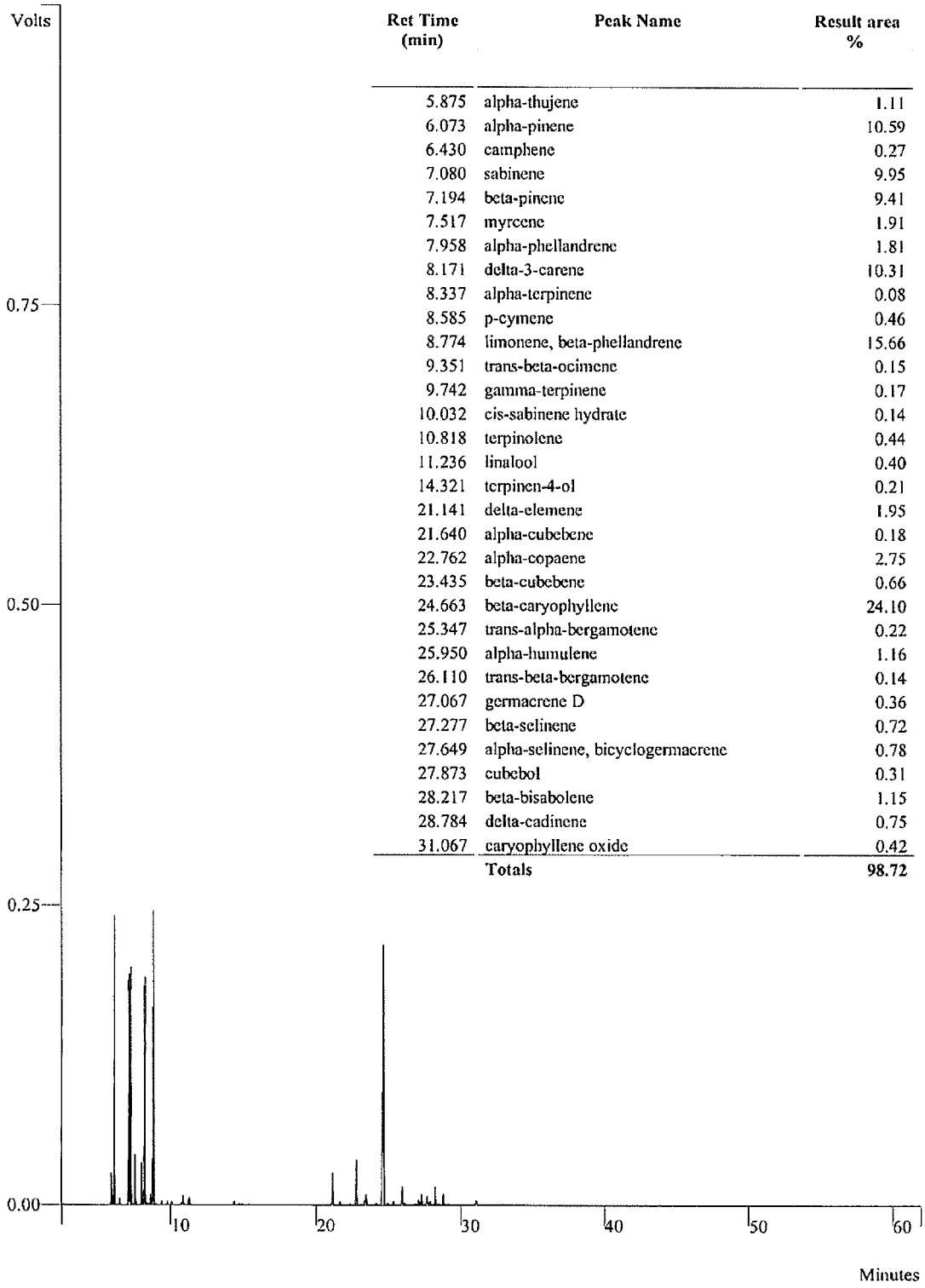
CERTIFICATE OF ANALYSIS

精油名：	ブラックペッパー（PEPPER BLACK）
学名：	Piper nigrum
商品番号：	P055
ロット番号：	13.A

比重（20℃）	0.872
施光度（20℃）	-14.0
屈折率（20℃）	1.482



Ret Time (min)	Peak Name	Result area %
5.875	alpha-thujene	1.11
6.073	alpha-pinene	10.59
6.430	camphene	0.27
7.080	sabinene	9.95
7.194	beta-pinene	9.41
7.517	myrcene	1.91
7.958	alpha-phellandrene	1.81
8.171	delta-3-carene	10.31
8.337	alpha-terpinene	0.08
8.585	p-cymene	0.46
8.774	limonene, beta-phellandrene	15.66
9.351	trans-beta-ocimene	0.15
9.742	gamma-terpinene	0.17
10.032	cis-sabinene hydrate	0.14
10.818	terpinolene	0.44
11.236	linalool	0.40
14.321	terpinen-4-ol	0.21
21.141	delta-elemene	1.95
21.640	alpha-cubebene	0.18
22.762	alpha-copaene	2.75
23.435	beta-cubebene	0.66
24.663	beta-caryophyllene	24.10
25.347	trans-alpha-bergamotene	0.22
25.950	alpha-humulene	1.16
26.110	trans-beta-bergamotene	0.14
27.067	germacrene D	0.36
27.277	beta-selinene	0.72
27.649	alpha-selinene, bicyclogermacrene	0.78
27.873	cubebol	0.31
28.217	beta-bisabolene	1.15
28.784	delta-cadinene	0.75
31.067	caryophyllene oxide	0.42
	Totals	**98.72**

Please Note: This information is offered as a guide only.