

**Black Pepper**  
*Piper nigrum*

Batch: BP716  
Approx Shelf Life: 4 years

Test Date: Dec 2016  
Distil Date: July 2016

### Gas Chromatography Analysis

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#### Monoterpenes

Limonene	13.66	Myrcene	1.34	$\alpha$ -Terpinene	0.08
$\alpha$ -pinene	10.94	$\alpha$ -Phellandrene	1.29	para-Cymene	0.47
$\beta$ -pinene	10.16	$\beta$ -Phellandrene	1.03	E- $\beta$ -Ocimene	0.12
Sabinene	9.69	$\alpha$ -Thujene	0.81	$\delta$ -Terpinene	0.15
3-Carene	8.65	Camphene	0.24	Terpinolene	0.31

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#### Monoterpenols

Linalol	0.36	Terpinen-4-ol	0.21	Terpineol	0.08
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#### Sesquiterpenes

Caryophyllene	26.64	$\beta$ -Elemene	0.50	$\beta$ -Cubebene	0.24
$\alpha$ -copaene	2.72	Germacrene D	0.50	$\alpha$ -Cubebene	0.18
$\Delta$ -Elemene	1.96	$\beta$ -Selinene	0.62	$\alpha$ -Guaiene	0.16
$\alpha$ -humulene	1.16	$\beta$ -Bisabolene	0.57	$\beta$ -Copaene	0.13
$\Delta$ -Cadinene	0.98	Epi-cubebol	0.24	$\alpha$ -Gurjunene	0.10
Bicyclgermacrene	0.74	$\alpha$ -Muurolene	0.39	Cyclosativene	0.12

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#### Sesquiterpenol

Spathulenol	0.40
$\Delta$ -Cadinol	0.25

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#### Oxides

1,8-cineole	0.07
Caryophyllene oxide	0.66

*Aromatherapy is a journey unique to each individual that can be crafted by the intuitive and knowledgeable practitioner to provide healing in the form of supporting the mind, body, and spirit to create balance. ~Lola*