

**CERTIFICATE OF ANALYSIS**  
**Spearmint Essential oil**

**Product Name:** Spearmint Essential oil

**Botanical Name:** *Mentha spicata* L.

**Extraction process:** hydro-distillation

**Appearance:** Fluid liquid

**Colour:** Colourless Yellow

**Odour:** Characteristic warm herbal penetrating odour, sharp, pungent taste

**Gas Chromatographic Profile**

No.	Compound name	Percent(%)
1	$\alpha$ -Pinene	1.17
2	Sabinene	8.13
3	$\beta$ -Myrcene	0.71
4	$\beta$ - Pinene	1.15
5	Limonene	31.12
6	Octanol. acetate	0.16
7	Menthone	4.44
8	Pulegone	1.98
9	Carvone	54.05
10	Menthylacetate	1.14
11	Bourbonene	0.58
12	Trans-caryophyllene	2.31
13	$\alpha$ -Humulene	0.33
14	Germacerene	0.2