



**PEPPERMINT OIL (MENTHA PIPERITA)**

**CHEMICAL COMPOSITION (GC-MS)**

**LOT NO. 13213**

| COMPOUND        | CONTENT (%) | SPECIFICATION |
|-----------------|-------------|---------------|
| ALPHA PINENE    | 0.77        | 0.6 – 1.6 %   |
| BETA PINENE     | 0.97        | 0.7 – 1.7 %   |
| LIMONENE        | 1.99        | 1 – 4 %       |
| CINEOLE         | 5.79        | 2.5 - 7 %     |
| MENTHONE        | 25.03       | 17 – 28 %     |
| MENTHOFURAN     | 4.69        | ➤ 1 %         |
| ISO MENTHONE    | 4.35        | 3 – 9 %       |
| MENTHOL         | 45.80       | 36 – 46 %     |
| PULEGONE        | 0.81        | < 2 %         |
| MENTHYL ACETATE | 5.527       | 2.5 - 8 %     |