

Product Name: Black Pepper Oil

Batch No: 220121/70/V-146/0.012

Mfg. Date: Nov 2021

Self-Life: Best before 24 months from the date of Manufacturing.

Description:

Black Pepper Oil is obtained by steam distillation of dried berries of Piper Nigrum L. (Family: Piperaceae)

Organoleptic characteristics

Colourless to Light greenish yellow free flowing clear liquid with spicy characteristic order of pepper.

| ANALYTICAL QUALITY | |
|------------------------|------------------------------------|
| Parameters | Specifications |
| Specific Gravity @25°C | 0.864 to 0.884 |
| Refractive Index @20°C | 1.470 to 1.488 |
| Optical Rotation | -1 ^{0 to} 23 ⁰ |
| Caryophyllene (by GC) | 15% to 35% |

| HEAVY METALS | |
|--------------|-------------------|
| Arsenic | Less than 3 ppm |
| Lead | Less than 3 ppm |
| Cadmium | Less than 1 ppm |
| Mercury | Less than 0.1 ppm |

Compiled by:

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