

ASX RELEASE

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ESENSE-LAB COMPLETES DEVELOPMENT OF CANNABIS AROMA E-LIQUIDS

Life science company **eSense-Lab Ltd** ("**eSense**" or the "**Company**") (**ASX:ESE**) is pleased to announce that it has completed the development of an E-liquid formulation that provides the aroma of various Cannabis strains.

E-liquids are liquids used for vaporising and are manufactured using either propylene glycol, vegetable glycerine, or a combination of both. Vaporising (or "vaping") is a safer and healthier alternative to smoking cannabis¹. Nicotine can also be added, along with an endless number of flavours. Cannabis E-liquid is a vaping formulation infused with cannabis concentrate. In the infusion process, the Cannabis concentrate is processed with propylene glycol, vegetable glycerine, and/or a high-proof alcohol and reinforced with Cannabis terpenes to achieve the maximum flavouring and recreational effect. However, in many regions across the globe, Cannabis infused E-liquids are still not legal for consumption.

Over the last several months, eSense, Research and Development ("**R&D**") team, has researched several E-liquid formulations incorporated with natural terpene blends grounded on the profile base of various Cannabis strains. These E-liquids were formulated using natural PG/VG (Propylene Glycol/Vegetable Glycerine) blended in an accepted ratio and reinforced with naturally derived Cannabis-like terpenes of strains such as Granddaddy Purple, Gorilla Glue, OG-Kush and more. This being done without further supplementation of THC ("Tetrahydrocannabinol") and CBD ("Cannabidiol") compounds that are still legally problematic in many jurisdictions. While THC is known to get you "high", CBD is valued for its non-psychoactive medical benefits². Each terpene composition was matched with specific flavours to achieve maximum sensory experience of flavour and taste commonly described for each cannabis strain.

With the completion of the development process, eSense is poised to implement the marketing phase of these formulations.

Commenting on the above announcement, eSense's CEO Mr. Haim Cohen, stated: *"I'm pleased to announce to the market that the Company's R&D efforts have succeeded and today we can unveil to the market our newest E-liquid formulations. These E-liquid formulations copy the flavour and aroma characteristics of popular Cannabis strains. All These E-liquid formulations are targeted at the E-liquid market."*

"This step forward in our techno-marketing efforts, is an important one, as it places eSense, with its proprietary knowledge and formulations, in the forefront of the E-liquid market."

"The overall mission of eSense's is to commercialise our formulations and products into the e-cigarette liquid market globally, and in my opinion, this new formulation will assist eSense on the Company's road to achieving commercial success in the future."

"I am very excited with the various opportunities that the future holds for eSense with this important step and I look forward to updating the market on the continuation of our activities and successes in the future."

FOR FURTHER INFORMATION:

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¹ <https://www.leafscience.com/2017/04/20/marijuana-vaporizers-beginners-guide/>

² <https://www.leafscience.com/2017/11/22/thc-cbd-difference/>

About eSense-Lab

eSense-Lab Ltd (ASX: ESE) is a life sciences company specialising in the commercialisation of the phytochemical profiling of plants. The Company combines genetics, mRNA, protein expression and phytochemical profiles to generate a comprehensive model of rare or high value plants. eSense-Lab can then use this model to 'reverse engineer' a terpene profile, which is a naturally occurring formulation of different individual terpenes which together account for many of the plant's health and medical benefits, whilst also exactly replicating the flavour, fragrance and other desired characteristics of the targeted plant, at a more sustainable and cheaper cost

To learn more about eSense-Lab, visit www.esense-lab.com

