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|---------------------------------|----------------------|--|--|----------|-----|
| Identification CBD, THC, CBN | HPLC UV QC02AM008 | The retention time of the main peak is identical to the standard | The retention time of the main peak is identical to the standard | Conforms | BOL |
|---------------------------------|----------------------|--|--|----------|-----|

| | | | | | |
|---------------|-----------|-------------|----------------|----------|-----|
| Assay | | | | | BOL |
| Assay THC | HPLC UV | 0.0% - 2.5% | 0.8% | Conforms | |
| Assay CBD | QC02AM008 | 16% - 24% | 20.2% | Conforms | |
| Assay CBN | | NMT 1.5% | Less Than 0.1% | Conforms | |
| Water Content | QC01GE027 | Indicative | 0.2% | Conforms | BOL |

Assay shows the level of Major Cannabinoids in the oil
This lab report shows 20.2% CBD in a 10ml solution.

| | | | | | |
|---------------------|------------|------------|------------------------|----------|----------|
| (KF) | | | | | |
| Pesticides Residues | GCMS, LCMS | Absence | Absence (Not Detected) | Conforms | AminoLab |
| Heavy Metals | | | | | AminoLab |
| Mercury | ICP - MS | < 0.1 ppm | < 0.1 ppm | Conforms | |
| Arsenic | | Indicative | < 0.5 ppm | Conforms | |
| Cadmium | | < 0.5 ppm | < 0.25 ppm | Conforms | |
| Nickel | | Indicative | < 2.5 ppm | Conforms | |
| Lead | | < 5.0 ppm | < 0.5 ppm | Conforms | |

Pesticides and Heavy Metals are toxic to humans and should not be Consumed. This test shows that Parts per Million (PPM) are within safe levels and conforms to EU standards.

| Test | Method | Acceptance Criteria | Results | Conclusions | Testing Site |
|------|--------|---------------------|---------|-------------|--------------|
|------|--------|---------------------|---------|-------------|--------------|

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|-----------------------------------|-----------|------------|------------------------|----------|----------|
| Total-Aflatoxins | | | | | AminoLab |
| Total-Aflatoxins (B1, B2, G1, G2) | EP 2.8.18 | NMT 4µg/Kg | < 1µg/Kg | Conforms | |
| Aflatoxin B1 | | NMT 2µg/Kg | Absence (Not Detected) | Conforms | |
| Ochratoxin A | EP 2.8.22 | Absence | Absence (Not Detected) | Conforms | |

| | | | | | |
|-------------------------------|------------|----------------|------------|----------|-----|
| Microbiology | | | | | BOL |
| Total Aerobic Microbial Count | MIC10GE001 | NMT 200 CFU/ml | < 4 CFU/ml | Conforms | |
| Total Yeasts and Molds Count | | NMT 20 CFU/ml | < 4 CFU/ml | Conforms | |
| S. Aureus | | Negative | Negative | Conforms | |
| Salmonella | | Negative | Negative | Conforms | |
| Listeria | | Negative | Negative | Conforms | |
| P. Aeruginosa | | Negative | Negative | Conforms | |
| Enterobacteria | | Negative | Negative | Conforms | |
| E. Coli | | Negative | Negative | Conforms | |
| E. Coli 0157 | | Negative | Negative | Conforms | |
| Shigella | | Negative | Negative | Conforms | |

Microbial tests for bacteria, virus and fungi which can be harmful to humans. Many microbial can find their way onto the plant during growing process and extraction. These need to be checked for before consumption.