| | Certificate of Analysis | |  |
|---|---|---|---|
| **Certificate of Analysis No.** | 20-174/174 | **Batch Number** | 06072009 |
| **Product Name** | MP 1:1<br>(25 mg THC/ml;25 mg CBD/ml), 30 ml | **Date of Manufacture** | 07.2020 |
| **Expiry date** | 07.2021 | **Analysis Date** | 09.07.2020 |

| Test | Specification | Result | Test Methodology |
|---|---|---|---|
| Appearance | Clear, light yellow oily liquid, with characteristic odor* | Conforms | Organoleptic |
| Identification | Positive for Tetrahydrocannabinol<br>The retention time of the peak of THC that elutes in the chromatogram of the Test solution corresponds to the retention time of the peak of THC (Tetrahydrocannabinol) in the chromatogram of the Standard solution<br><br>Positive for Cannabidiol<br>The retention time of the peak of CBD that elutes in the chromatogram of the Test solution corresponds to the retention time of the peak of CBD (Cannabidiol) in the chromatogram of the Standard solution | Conforms<br><br>Conforms | HPLC<br>(Ph. Eur. 2.2.29) |
| Average fill | min. 30 ml oil solution / bottle | Conforms | |
| Fill variation | min. 95 % from the declared fill | Conforms | |
| Relative density | 0.950 ± 0.030 | 0.951 | Ph. Eur. 2.2.5 |
| Assay of Tetrahydrocannabinol (Δ9-THC) | 22.5 mg – 27.5 mg THC /ml<br>or 90.0 – 110.0 % of the declared content | 26.55 mg THC / ml<br>or 106.20 % of the declared content | HPLC<br>(Ph. Eur. 2.2.29) |
| Assay of Cannabidiol (CBD) | 22.5 mg – 27.5 mg CBD /ml<br>or 90.0 – 110.0 % of the declared content | 27.00 mg CBD / ml<br>or 108.00 % of the declared content | HPLC<br>(Ph. Eur. 2.2.29) |
| Impurities: | | | |
| Cannabinol (CBN)<br><br>Δ8-Tetrahydrocannabinol (Δ8-THC)<br><br>Total impurities | max 10 mg CBN / ml oil solution or max 1.0 % (w/v)<br><br>max 10 mg Δ8-THC / ml oil solution or max 1.0 % (w/v)<br><br>max 2.0 % total impurities (w/v); sum of CBN and Δ8-THC | < 0.01 % (w/v)<br><br>< LoD<br><br>< 0.01 % (w/v) | HPLC<br>(Ph. Eur. 2.2.29) |

NYSK HOLDINGS
КОНТРОЛА НА КВАЛИТЕТ
QUALITY CONTROL

| NYSK HOLDINGS | Certificate of Analysis | | |
|---|---|---|---|
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| **Product Name** | MP 1:1<br>(25 mg THC/ml;25 mg CBD/ml), 30 ml | **Date of Manufacture** | 07.2020 |
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| Microbiological Purity**<br>(Ph. Eur. 5.1.4.) | | | |
|---|---|---|---|
| TAMC | ≤ $10^3$ CFU/g or ml | Conforms | Ph. Eur. 2.6.12 |
| TYMC | ≤ $10^2$ CFU/g or ml | Conforms | Ph. Eur. 2.6.12 |
| Enterobacteriaceae<br>Bile Tolerant Gram-Negative<br>Bacteria | ≤ $10^2$ CFU/g or ml | Conforms | Ph. Eur. 2.6.13 |
| Escherichia coli | Absence in 1 g or ml | Conforms | Ph. Eur. 2.6.13 |
| Staphylococcus aureus | Absence in 1 g or ml | Conforms | Ph. Eur. 2.6.13 |
| Salmonella | Absence in 10 g or ml | Conforms | Ph. Eur. 2.6.13 |

* Color of a product might differ batch to batch due natural ingredients properties

** Carried out at 3rd Party testing Facilities

I hereby certify that the above information is authentic and accurate.
This batch of product has been cultivated and manufactured, including packaging and quality control at the above-mentioned sites in full compliance with the GAP requirements, and with the specifications as stated in this document. The batch processing, packaging and analysis records were reviewed and found to be in compliance with GAP and EU GMP.

| **Date:** 17.07.2020 | **Date:** 17.07.2020 | **Date:** 20.07.2020 |
|---|---|---|
| **Analyst:** | **Quality Control Department:** | **Approved By:** |

NYSK HOLDINGS Skopje КОНТРОЛА НА КВАЛИТЕТ QUALITY CONTROL