



CERTIFICATE OF ANALYSIS

NO. 19/075/1

Product trade name	CannabiGold Balance
Product index	101
Lot number	101003
Production date	13.05.19
Batch size	81.92 kg
Expiration date	05.2021

RESULTS		
Parameter	Requirements	Results
Organoleptic characteristics: - colour - odour	from yellow to brown herbal	conforms conforms
Identity	Retention time compatible with the retention time of the standard.	conforms
Related substances - tetrahydrocannabinol (THC)* - cannabidiol (CBDV) - cannabigerol (CBG) - cannabiol (CBN) - cannabichromene (CBC) - β -caryophyllene (BCP)	not more than 0.20% for information for information for information for information for information	below 0.20% 0.07% 0.12% 0.02% 0.20% 0.21%
Heavy metals - lead - cadmium - mercury	not more than 3.0 ppm not more than 1.0 ppm not more than 0.1 ppm	below 0.010 ppm (QL) below 0.002 ppm (QL) below 0.001 ppm (QL)
PAHs - benzo(a)pyrene - sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene	not more than 10 ppb not more than 50 ppb	below 2 ppb (QL) below 10 ppb (QL)

RESULTS		
Parameter	Requirements	Parameter
Cannabidiol (CBD) content	4.8 % - 5.2 %	5.0%
Cannabidiolic acid (CBDA) content	4.8 % - 5.2 %	5.0%
Microbiological purity		
- total aerobic mesophile microbial count	not more than 5×10^4 cfu/g	below 1.0×10^1 cfu/g (QL)
- total yeast and mold count	not more than 5×10^2 cfu/g	below 1.0×10^1 cfu/g (QL)
- Escherichia coli	absence in 1 g	below 1.0×10^1 cfu/g (QL)
- Salmonella	absence in 25 g	absence in 25 g
- Enterobacteria count (bile-tolerant Gram-negative bacteria)	not more than 1×10^2 cfu/g	below 1.0×10^1 cfu/g (QL)

* total content of THC as a sum of Δ^9 - THC and THCA calculated with the following formula: $\text{THC} = \Delta^9 - \text{THC} + 0.877 \text{ THCA}$

Conclusion: This product complies with the requirements of the specification no. SP/001.01 edition no. 5

06.06.19 *Borawska*

Prepared by – Anna Borawska, Eng.
Laboratory Technician

06.06.19 *Wisniewska*

Accepted by – Paulina Wiśniewska, PhD
Laboratory Manager

END OF CERTIFICATE