

CERTIFICATE OF ANALYSIS

Product	MCT Coconut oil with 15% CBD
Product code	8819
Batch nr.	210153
Manufacture Date	09-02-2021
Best Before Date End:	02-2024

PHYSICAL SPECIFICATIONS:

Item	Specification	Results	Method
Appearance	Light brown transparent	Conform	Ph.Eur.2.2.1.
Odour	Light smell of hemp	Conform	Organoleptic
Taste	Light taste of hemp	Conform	Organoleptic
Viscosity	Thick Fluid	Conform	Visual

ACTIVE INGREDIENTS PER 1 ML

Item	Specification	Results	Method
Cannabidiol (CBD, from broad spectrum hemp extract)	142.50 – 172.50mg	153.42 mg	UHPLC-DAD
Other minor cannabinoids from broad spectrum hemp extract			
CBDV	-	1.01 mg	UHPLC-DAD
CBG	-	2.54 mg	UHPLC-DAD
CBN	-	1.97 mg	UHPLC-DAD
CBC	-	2.24 mg	UHPLC-DAD

CONTAMINATIONS

Heavy Metals

Parameter	Specification	Results	Method
Cadmium (Cd)	Less than 1.0 ppm	Conform	EC/1881/2006
Arsenic (As)	Less than 0.5 ppm	Conform	Kb 2014-01-07/04
Mercury (Hg)	Less than 0.1 ppm	Conform	EC/1881/2006
Lead (Pb)	Less than 3.0 ppm	Conform	EC/1881/2006

Cannabinoid residues

Parameter	Specification	Results	Method
THC	<0.05%	Non detectable (LOQ = 0.01%)	UHPLC-DAD

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Microbiology (CFU/g)

Parameter	Specification	Results	Method
Moulds	<50/g	Conform	NEN/ISO 21527-2
Escherichia coli	Absent / 25g	Conform	NEN-ISO 16649-2
Bacillus cereus	<50 cfu/g	Conform	NEN/EN/ISO 7932
Staphylococcus aureus	Absent / 25 g	Conform	NEN/EN/ISO 6888/2
Clostridium perfringens	<100.000 / g	Conform	NEN/EN/ISO 7937
Enterobacteriaceae	Absent / 10g	Conform	NEN/ISO 16649-2
Listeria monocytogenes	Absent in 25 g	Conform	NEN/EN/ISO 11290-1
Salmonella	Absent in 25 g	Conform	EN/ISO/6579-1

Microbiology and active ingredients are measured in an external laboratory

Date:

21/04/2021

Name QA Manager:

Y. Liu, PhD

Signature

Y.L.

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