



Certificate of Analysis / Analysenzertifikat

CoA Number / CoA-Nummer: 142/2024

Batch Number / Ch.-B: 33060324

Type / Typ: Dry flower

Manufacturing Date /
Herstellungsdatum: 05.06. 2024

Test Date / Datum der Analyse: 12.06. 2024

Pack Size / Packungsgröße: 30g

Batch Size / Chargengröße: 126.000 g

Retest Date / Nachtestdatum: 12.03. 2025

Shelf life after opening /
Haltbarkeitsdauer nach dem
Öffnen: 6 months

Specification Reference /
Spezifikationsreferenz: 19/2024

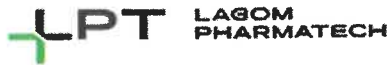
Laboratory References /
Labor-Referenzen: 1023/2024

**Cannabis Sativa Flos strain /
Cannabis Indica Flos Sorte:**
Drapalin 21/1 Jack Herer

Non-irradiated Cannabis Flos / Unbestrahlte Cannabisblüten

Prüfungen Test	Methode Method	Spezifikation Specification	Ergebnis Result	
Aussehen, Geruch Appearance, Smell	DAB	Grünes bis braunes Pflanzenmaterial mit charakteristischem Geruch nach Cannabis Green and brown plant material with characteristic smell of cannabis	Entspricht Complies	
Identität / Identity				
A: Makroskopisch Macroscopic	DAB	Entspricht der Monographie Complies with the monograph	Entspricht Complies	
B: Mikroskopisch Microscopic	DAB	Entspricht der Monographie Complies with the monograph	Entspricht Complies	
C: DC TLC	DAB	Entspricht der Monographie Complies with the monograph	Entspricht Complies	
Reinheit / Purity				
Fremde Bestandteile Foreign matters	DAB Ph. Eur. 2.8.2	Höchstens 2% (w/w) ≤ 2 % (w/w)	0	
Trocknungsverlust Loss On Drying (LOD)	DAB Ph. Eur. 2.2.32	Höchstens 10 % (w/w) ≤ 10 % (w/w)	8,68	
Gesamt Gehalt CBN (%) Total Content CBN (%)	Ph. Eur. 2.2.29	Höchstens 1.0 % (w/w) ≤ 1.0 % (w/w)	< 1	
Gehaltsbestimmungen / Assay				
Gesamt Gehalt THC (%) Total Content THC (%)	Ph. Eur. 2.2.29	21.00 % (18,90 % – 23,10 %)	20,4	
Gesamt Gehalt CBD (%) Total Content CBD (%)		Höchstens 1.0 % (w/w) ≤ 1.0 % (w/w)	< 1	
Schwermetalle / Heavy metals				
		LOQ (mg/kg)	LOD (mg/kg)	
Blei / Lead	Ph. Eur. 2.4.27	≤ 5.0 ppm (mg/kg)	0,05 0,04	< 0,1 µg/g

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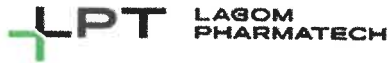
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Cadmium / Cadmium		≤ 1.0 ppm (mg/kg)	0.10	0.0003	< 0,05 µg/g
Quecksilber / Mercury		≤ 0.1 ppm (mg/kg)	0.06	0.02	< 0,01 µg/g
Aflatoxine / Aflatoxins					
Aflatoxin B1 / Aflatoxin B1	Ph. Eur. 2.8.18	≤ 2.0 ppb (µg/kg)			< 1
Aflatoxine (B1, B2, G1, G2) Aflatoxins (B1, B2, G1, G2)		≤ 4.0 ppb (µg/kg)			< 4
Mikrobiologische Reinheit / Microbiological Purity					
TAMC (Gesamtzahl aerober Mikroorganismen) TAMC (Total Aerobic Microbial Count)	Ph. Eur. 2.6.12, 5.1.8 C	max. 100 000 KBE/g ≤ 100 000 CFU/g			<1000
TYMC (Gesamtzahl an Hefen und Schimmelpilzen) TYMC (Total Combined Yeast and Moulds Count)		max. 10 000 KBE/g ≤ 10 000 CFU/g			<100
Enterobakterien Bile-tolerant Gram (-) bacteria	Ph. Eur. 2.6.31, 5.1.8 C	max. 10 000 KBE/g ≤ 10 000 CFU/g			N.D.
Pseudomonas aeruginosa	Ph. Eur. 2.6.13	Abwesenheit/g Absence/g			N.D.
Staphylococcus aureus		Abwesenheit/g Absence/g			N.D.
Escherichia coli	Ph. Eur. 2.6.31, 5.1.8 C	Abwesenheit/g Absence/g			N.D.
Salmonella spp.		Abwesenheit/g Absence/25g			N.D.
Pestizide / Pesticides		(mg/kg)	LOD (mg/kg)		
Acephate	Ph. Eur. 2.8.13	0.10	0.05	Complies	
Alachlor		0.05	0.01	Complies	
Aldrin and dieldrin (sum of)		0.05	0.02	Complies	
Bromophos-ethyl		0.05	0.01	Complies	
Bromophos-methyl		0.05	0.01	Complies	
Bromopropylate		3.00	0.01	Complies	

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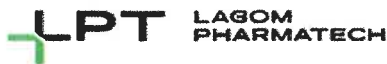
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Chlordane (sum <i>cis</i> *- <i>trans</i> and oxychlorodane)	0.05	0.02	Complies
Chlorfenvinphos I	0.50	0.01	Complies
Chlorfenvinphos II	0.50	0.01	Complies
Chlorpyrifos ethyl	0.20	0.01	Complies
Chlorpyrifos methyl	0.10	0.01	Complies
Chlorthal-dimethyl	0.01	0.01	Complies
Cyfluthrin (Sum of I,II, III,IV)	0.10	0.075	Complies
Cypermethrin and isomers (Sum of I,II, III,IV)	1.00	0.075	Complies
DDT (sum of DDE-o,p', DDE-p,p', DDD-o,p' (TDE-o,p'), DDD-p,p' (TDE-p,p'), DDT-o,p')	1.00	0.02	Complies
Deltamethrin	0.50	0.075	Complies
Diazinon	0.50	0.01	Complies
Dicofol	0.50	0.01	Complies
Dimethoate and omethoate (sum of)	0.10	0.01	Complies
Endosulfan (sum of isomers and endosulfan sulfate)	3.00	0.02	Complies
Endrin	0.05	0.02	Complies
Etrimphos	0.05	0.01	Complies
Fenchlorophos (sum of fenchlorophos and fenchlorophos-oxon)	0.10	0.01	Complies
Fenitrothion	0.50	0.01	Complies
Fensulfothion (sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxonsulfon and fensulfothion-sulfon*)	0.05	0.01	Complies
Fenthion (sum of fenthion, fenthion-oxon, fenthion-oxon-sulfoxide, fenthion-oxon-sulfone, fenthion-sulfoxide and fenthion Sulfone)	0.05	0.01	Complies
Fenvalerate	1.50	0.075	Complies
Flucythrinate	0.05	0.075	Complies
Fonophos	0.05	0.01	Complies

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Heptachlor (sum of heptachlor, <i>cis</i> heptachlorepoide*, and <i>trans</i> - heptachlorepoide)	0.05	0.02	Complies
Hexachlorobenzene	0.10	0.02	Complies
Hexachlorocyclohexane (BHC) (sum of isomers α , β , δ^* and ϵ^*)	0.03	0.02	Complies
Lindane (γ - hexachlorocyclohexane (BHC))	0.60	0.02	Complies
Malaoxon and Malathion* (sum of)	1.00	0.01	Complies
Mecarbam	0.05	0.01	Complies
Methacrifos	0.05	0.01	Complies
Methamidophos	0.05	0.01	Complies
Methidathion	0.20	0.01	Complies
Monocrotophos	0.10	0.01	Complies
Paraaxon-Ethyl and parathion-ethyl* (sum of)	0.50	0.01	Complies
Paraaxon-Methyl and parathion-methyl* (sum of)	0.20	0.01	Complies
Pirimiphos ethyl	0.05	0.01	Complies
Pirimiphos methyl (sum of pirimiphos-methyl and Pirimiphos-Methyl-N-Desethyl)	4.00	0.01	Complies
Procymidone	0.10	0.01	Complies
Prothiofos	0.05	0.01	Complies
Pyrethrum (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I and pyrethrin II)	3.00	0.001	Complies
Quinalphos	0.05	0.01	Complies
Quintozene sum of: Quintozene* Pentachloroaniline Methyl Pentachlorophenyl sulfide	1.00	0.01 0.01 0.02	Complies
Tau-Fluvalinate	0.05	0.03	Complies
Vinclozolin	0.40	0.01	Complies

DAB: Gültige Version der DAB Monographie „Cannabisblüten“/Valid version of the DAB monograph "Cannabis Flowers"
Ph. Eur.: Gültige Version des Europäischen Arzneibuchs/Valid version of the European Pharmacopoeia

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Aflatoxin Limit of Quantification (LOQ) is 1.0 ppb (µg/kg).
CBN Limit of Quantification (LOQ) is 0.01 %.
CBN Limit of Detection (LOD) is 0.005 %.
N.D. = Not Detected.

D9-THC, CBD Limit of Quantification (LOQ) is 0.05 %.
D9-THC, CBD Limit of Detection (LOD) is 0.025 %.

Lagerung: Dicht verschlossen, vor Licht geschützt, unterhalb von 25° C.
Storage conditions: Sealed Pack, protected from light, below 25 ° C.

Die Charge entspricht in allen Prüfungspunkten den Anforderungen.
The batch meets the requirements.

Function	Name/Position	Conclusion	Signature/Date
Prepared by:	Mgr. Monika Snaiberkova, QC	Meets specifications 20-06-2024	
Reviewed by:	Mgr. Sarka Sladkova, QA	Approved 20-06-2024	
Approved by:	Ing. Tomas Fabricky, API release Responsible Person	Approved 20-06-2024	