

Therismos GmbH			
Certificate of Analysis (CoA)			
document no.	HS-003-011 F	version	6.0
effective date	16.12.2024	page	1 of 2
parent doc	HS-003 SOP - Batch record documentation and release		

Certificate of Analysis
CoA-2024-002 (100 g)

Produktname product name	WELLFORD AQUAPONIC 24/1 SDK Cannabisblüten		
Chargen Nr Batch no.	AQMRF006B		
Verwendbarkeit expiry date	02/2025		
Spezifikations ID Specification ID	SPEC-SDK-24_V01		
Parameter Parameter	Methode Method	Spezifikation Specification	Ergebnis Result
Identität identity			
A: Macroscopic characteristics	Ph. Eur. monograph Cannabis flos (3028)	Complies with monograph	Complies ¹⁾
B: Microscopic characteristics	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.8.23	Complies with monograph	Complies ¹⁾
C: High-performance thin-layer chromatography	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.8.25	Complies with monograph	Complies ¹⁾
Reinheit purity			
Foreign matter	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.8.2	≤ 2 % leaves more than 1.0 cm in length and other foreign elements such as moulds and animal contamination (e.g. insects, their eggs or larvae, spiders, rodents and excreta) and other unwanted matter are absent in 25-50 g. The herbal drug does not contain any seeds.	< 2 % ¹⁾ Complies ¹⁾
Loss on drying	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.2.32	≤ 12.0 %	10.0 % ¹⁾
Total CBN (Cannabinol)	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.2.29	≤ 1.0 %	< 0.1 % ¹⁾
Gehalt Content			
Total THC (Δ9-Tetrahydrocannabinol)	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.2.29	21.6 % – 26.4 %	25.0 % ¹⁾
Total CBD (Cannabidiol)	Ph. Eur. monograph Cannabis flos (3028) Ph. Eur. 2.2.29	≤ 1.0 %	< 0.1 % ¹⁾

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Parameter Parameter	Methode Method	Spezifikation Specification	Ergebnis Result
Pestizid-Rückstände Pesticide Residues			
Pesticide Residues	Ph. Eur. 2.8.13	Complies with monograph	Complies ¹⁾
Schwermetalle Heavy metals			
Arsenic (As)	Ph. Eur. 2.4.27	≤ 0.2 ppm	< 0.1 ppm (LOQ) ¹⁾
Cadmium (Cd)		≤ 0.3 ppm	< 0.05 ppm (LOQ) ¹⁾
Lead (Pb)		≤ 0.5 ppm	< 0.1 ppm (LOQ) ¹⁾
Mercury (Hg)		≤ 0.1 ppm	< 0.05 ppm (LOQ) ¹⁾
Aflatoxine Aflatoxins			
Aflatoxin B1	Ph. Eur. 2.8.18	≤ 2 µg/kg	< LOQ ^{1;4)}
Sum of Aflatoxins B1, B2, G1, G2		≤ 4 µg/kg	< LOQ ^{1;4)}
Mikrobiologische Reinheit Microbiological purity			
Total aerobic microbial count (TAMC)	Ph. Eur. 5.1.8 C	≤ 10 ⁵ CFU/g (max. 500 000 CFU/g)	3 x 10 ² CFU/g ²⁾
Total combined yeasts/moulds count (TYMC)	Ph. Eur. 2.6.12	≤ 10 ⁴ CFU/g (max. 50 000 CFU/g)	2 x 10 ³ CFU/g ³⁾
Bile-tolerant gram-negative bacteria	Ph. Eur. 5.1.8 C Ph. Eur. 2.6.31	≤ 10 ⁴ CFU/g	< 10 ² CFU/g ³⁾
<i>Escherichia coli</i>		Absent in 1 g	Absent in 1 g ³⁾
Salmonella		Absent in 25 g	Absent in 25 g ³⁾

¹⁾ = Analysenzertifikat Nr. 210-1384866; ²⁾ = Analysenzertifikat Nr. 210-1396077; ³⁾ = Analysenzertifikat Nr. 210-1388161;
LOQ = limit of quantification; ⁴⁾ = LOQ aflatoxin B1, B2, G1: 0.5 µg/kg; LOQ aflatoxin G2: 1.0 µg/kg

Ich bestätige hiermit gemäß §14 (4) AMWHV, dass die Prüfung der in diesem Protokoll aufgeführten Charge gemäß den genehmigten Prüfanweisungen und Produktspezifikationen durchgeführt wurde und die Produktcharge die erforderliche Qualität aufweist.

I hereby confirm that, in accordance with §14 (4) AMWHV, the testing performed of the batch listed in this protocol has been carried out in accordance with the approved test instructions and product specifications and the product batch has the required quality.

Ort Place	Berlin	Signed by:   Signer Name: Dr. Alberto Laginha Signing Reason: I approve this document Signing Time: 18-Dec-2024 3:06:04 PM GMT 3900365156FB486DB6230328D0410983 Leitung der Qualitätskontrolle/Head of Quality Control Signature:
Datum Date	18.12.2024	
Name Name	Dr. Alberto Laginha	