

Certificate of Analysis

Sample Information:

Type: Isolate

Product name: CBG Isolate

Batch: CBG251121

Date: 21.11.2025

Test	Result	Unit	Method	Acceptance criteria
Cannabinoids				
CBD	ND	%	GC-MS/MS*	≥ 99 %
THC	ND	%	GC-MS/MS*	≤ 0.05 %
CBG	99.29	%	GC-MS/MS*	informative
CBN	ND	%	GC-MS/MS*	informative
CBDV	ND	%	GC-MS/MS*	informative
Microbial contamination				
Total aerobic microbial TAMC	NA	cfu/g	Ph. Eur. 2.6.12, 2.6.13, 2.6.31	informative
Total combined yeast/mould	NA	cfu/g	Ph. Eur. 2.6.12, 2.6.13, 2.6.31	informative
Bile-tolerant-g-negative bacteria	NA	cfu/g	Ph. Eur. 2.6.12, 2.6.13, 2.6.31	informative
Enterobacteriaceae	NA	cfu/g	Ph. Eur. 2.6.12, 2.6.13, 2.6.31	informative
Pseudomonas aeruginosa	NA	cfu/g	Ph. Eur. 2.6.12, 2.6.13, 2.6.31	informative
Staphylococcus aureus	NA	cfu/g	Ph. Eur. 2.6.12, 2.6.13, 2.6.31	informative
Pesticides	complies		Ph. Eu. List	complies with Ph. Eu. List
Heavy metals				
Lead (Pb)	complies	ppm	IPC/MS	< 1 ppm
Cadmium (Cd)	complies	ppm	IPC/MS	< 1 ppm
Mercury (Hg)	complies	ppm	IPC/MS	< 0.1 ppm
Arsenic (As)	complies	ppm	IPC/MS	< 1 ppm
Residual solvents by GC				
Ethanol EtOH	complies	ppm	GC-FID	< 500 ppm
Methanol MeOH	complies	ppm	GC-FID	< 500 ppm
n-Pentane	complies	ppm	GC-FID	< 500 ppm
Heptane	complies	ppm	GC-FID	< 500 ppm
Acetone	complies	ppm	GC-FID	< 500 ppm
Isopropanol	complies	ppm	GC-FID	< 500 ppm

*Limit of Detection (LOD): 0.01%



Analytical Chemist: Markus Fischer