KCBD
Biotechnology Co. Ltd

Sample name:	CBD Isolaat 99+
Batchnr:	C-251101
SampleID:	#184029
Analysis date:	09-12-2025
Expiration date:	09-12-2026

Manufacturer: KCBD Biotechnology Co. Ltd.
Heilongjiang Meilisi Economic Development Zone Meilisi Daur District, Qiqihar City
Heilongjiang Province, CHINA

CERTIFICATE OF ANALYSIS

PEROXIDE ANALYSIS	
Peroxide index	< LOQ

LOQ = Limit of Quantification; 0.1

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DIOXINES AND PCB ANALYSIS			
Dioxines	< LOQ	**PCB28**	< LOQ | PASS
PCB52	< LOQ | PASS	**PCB101**	< LOQ | PASS
PCB138	< LOQ | PASS	**PCB153**	< LOQ | PASS
PCB180	< LOQ | PASS		

LOQ = Limit of Quantification; 0.15 ng TEQ/kg

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PAK's ANALYSIS			
Chrysene	< LOQ | PASS	**Benz(a)anthracene**	< LOQ | PASS
Benzo(b)fluoranthene	< LOQ | PASS	**Benzo(k)fluoranthene**	< LOQ | PASS

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AFLATOXINS ANALYSIS			
AFB1	< LOQ | PASS	**AFB2**	< LOQ | PASS
AFG1	< LOQ | PASS	**AFG2**	< LOQ | PASS
Sum B1, B2, G1 and G2	< LOQ | PASS		

LOQ = Limit of Quantification; 1 ug/kg

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MICROBIOLOGICAL SCREENING

Staphylococcus aureus (STX)	< LOQ | PASS	**Molds and yeasts (RYM)**	< LOQ | PASS
Aerobic bacterial count (RAC)	< LOQ | PASS		

LOQ = Limit of Quantification; 10 cfu/g

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RESIDUALS ANALYSIS			
Triethyl Citrate	< LOQ | PASS	**Toluene**	< LOQ | PASS
Isopropanol	< LOQ | PASS	**Hexane**	< LOQ | PASS
Dichloromethane	< LOQ | PASS	**Cyclohexane**	< LOQ | PASS
m-/p-Xylene	< LOQ | PASS	**Ethylbenzene**	< LOQ | PASS
Chloroform	< LOQ | PASS	**Acetone**	< LOQ | PASS
Ethanol	< LOQ | PASS	**Methanol**	< LOQ | PASS
Ethylacetate	< LOQ | PASS	**Pentane**	< LOQ | PASS
o-Xylene	< LOQ | PASS		

LOQ = Limit of Quantification; 1 ppm

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TERPENES ANALYSIS					
alpha-Cedrene	< LOQ	**trans-Caryophyllene**	< LOQ	**alpha-Humulene**	< LOQ
cis-Nerolidol	< LOQ	**Phytol**	< LOQ	**cis-Phytol**	< LOQ
trans-Nerolidol	< LOQ	**beta-Eudesmol**	< LOQ	**Cedrol**	< LOQ
alpha-Bisabolol	< LOQ	**Geranyl Acetate**	< LOQ	**Geraniol**	< LOQ
alpha-Terpinene	< LOQ	**Limonene**	< LOQ	**p-Cymene**	< LOQ
gamma-Terpinene	< LOQ	**Terpinolene**	< LOQ	**L-Fenchone**	< LOQ
Linalool	< LOQ	**Fenchol**	< LOQ	**Camphor**	< LOQ
Isoborneol	< LOQ	**Menthol**	< LOQ	**Borneol**	< LOQ
alpha-Terpineol	< LOQ	**beta-Citronellol**	< LOQ	**3-Carene**	< LOQ
Guaiol	< LOQ	**m-Cymene**	< LOQ	**Nootkatone**	< LOQ
Citral	< LOQ	**Safranal**	< LOQ	**Hashinene**	< LOQ
Menthone	< LOQ	**Fenchyl Alcohol**	< LOQ	**Piperitone**	< LOQ
Sabinene Hydrate	< LOQ	**Thymol**	< LOQ	**beta-Farnesene**	< LOQ
Verbenone	< LOQ	**Phytane**	< LOQ	**beta-Caryophyllene**	< LOQ
Valencene	< LOQ	**alpha-Phellandrene**	< LOQ	**Sabinene**	< LOQ
Isopulegol (-)	< LOQ	**Isopulegol (+)**	< LOQ	**Pulegone**	< LOQ
Isobornyl Acetate	< LOQ	**Eucalyptol**	< LOQ	**Octyl Acetate**	< LOQ
Carvone	< LOQ	**Caryophyllene-oxide**	< LOQ	**Terpinen-4-ol**	< LOQ
Farnesene	< LOQ	**Myrcene**	< LOQ	**alpha-Pinene**	< LOQ
Camphene	< LOQ	**beta-Pinene**	< LOQ		

TOTAL TERPENES	
Terpenes	**0.00 %**

LOQ = Limit of Quantification; 0.01%

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PESTICIDES ANALYSIS			
Flutonanil	< LOQ | PASS	**Malathion**	< LOQ
Chlorpyrifos	< LOQ	**Chlorpyrifos**	< LOQ
Carbaryl	< LOQ	**Permethrin**	< LOQ
Cypermethrin	< LOQ	**Imidacloprid**	< LOQ
Bifenthrin	< LOQ	**β-Cyfluthrin**	< LOQ
Captan	< LOQ	**Piperonylbutoxie**	< LOQ
Atrazine	< LOQ	**Terbuthylazine**	< LOQ

LOQ = Limit of Quantification; 0.01 mg/kg

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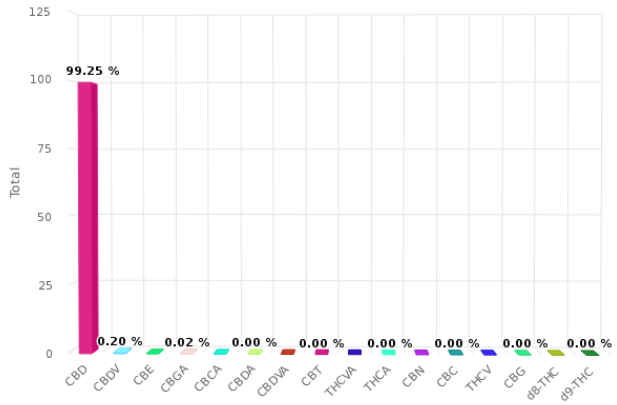
KCBD
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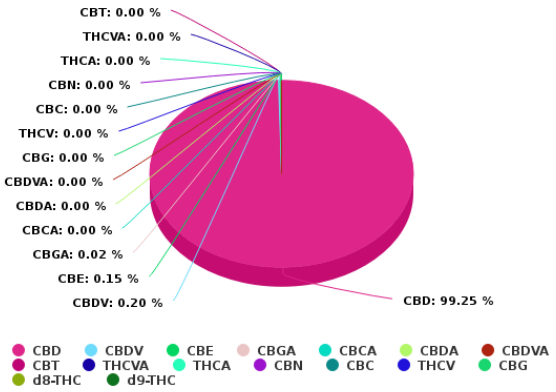
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CANNABINOIDS ANALYSIS			
CBD	99.25 %	**CBDV**	0.20 %
CBE	0.15 %	**CBGA**	0.01 %
CBCA	< LOQ	**CBDA**	< LOQ
CBDVA	< LOQ	**CBT**	< LOQ
THCVA	< LOQ	**THCA**	< LOQ
CBN	< LOQ	**CBC**	< LOQ
THCV	< LOQ	**CBG**	< LOQ
d8-THC	< LOQ	**d9-THC**	< LOQ

TOTAL CANNABINOIDS			
d9-THC + THCA	**< LOQ**	**CBD + CBDA**	**99.25 %**
Cannabinoids	**99.61 %**		

LOQ = Limit of Quantification; 0.01%

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HEAVY METAL ANALYSIS			
Arsenic	< LOQ | PASS	**Mercury**	< LOQ | PASS
Cadmium	< LOQ | PASS	**Lead**	< LOQ | PASS

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