NACIONALINIS MAISTO IR VETERINARIJOS RIZIKOS VERTINIMO INSTITUTAS

NACIONALINIS AKREDITACIJOS BIURAS
Bandymai / tyrimai ISO/IEC 17025
Nr. LA.01.139

NATIONAL FOOD AND VETERINARY RISK ASSESSMENT INSTITUTE

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TEST REPORT No. 1-24/26500/1 CH

Date of receipt of sample (s): 2024-12-04

End date of test performance: 2024-12-17

Customer data:

Name and address of the customer: JSC Ltd. BIOSYYD, Vokiečių str. 161, Kaunas
Description of sample (s): CBN Oil Calm 20 %, 10 ml. Production date 2024-10-25, best before 2026-04-25.
Sampling procedure**: Statement, 2024-12-03. Attorney P.Bartininkas
Sample (s) delivered by: P.Jasionis

TEST RESULTS

CBC (Canabichromen), mg/kg	12,04 ± 1,81	SDP Ch.246 (3 issue)
CBCA (Canabic chromic acid), mg/kg	< 0,10	SDP Ch.246 (3 issue)
CBD ((-) - Cannabidiol), mg/kg	6312,25 ± 946,84	SDP Ch.246 (3 issue)
CBDA (Cannabidiol Acid), mg/kg	0,64 ± 0,10	SDP Ch.246 (3 issue)
CBDV (Cannabidivarine), mg/kg	13,00 ± 1,95	SDP Ch.246 (3 issue)
CBG (Canabigerol), mg/kg	2617,95 ± 392,69	SDP Ch.246 (3 issue)
CBL (Cannabicycol), mg/kg	3,43 ± 0,51	SDP Ch.246 (3 issue)
CBN (Canabinol), mg/kg	216764,40 ± 32514,66	SDP Ch.246 (3 issue)
THCV (Δ9-Tetrahydrocannabivarine), mg/kg	< 0,10	SDP Ch.246 (3 issue)
Δ8-THC((-) - trans-Δ8-Tetrahydrocannabinol), mg/kg	< 0,10	SDP Ch.246 (3 issue)
Δ9-THC ((-) - trans-Δ9-Tetrahydrocannabinol), mg/kg	< 0,10	SDP Ch.246 (3 issue)
The sum of Δ9-THC and Δ9-THCA expressed as Δ9-THC. A factor of 0,877 is applied to the level of Δ9-THCA. Δ9-THC (delta-9-tetrahydrocannabinol) + 0,877 x Δ9-THCA (delta-9-tetrahydrocannabinolic acid)), mg/kg	-	SDP Ch.246 (3 issue)
Δ9-THCA-A ((-) - trans-Delta-9-THC carboxylic acid A), mg/kg	< 0,10	SDP Ch.246 (3 issue)

CBC (Canabichromen), %	0,0012 ± 0,0002	SDP Ch.246 (3 issue)
CBCA (Canabic chromic acid), %	< 0,000010	SDP Ch.246 (3 issue)
CBD ((-) - Cannabidiol), %	0,63 ± 0,09	SDP Ch.246 (3 issue)
CBDA (Cannabidiol Acid), %	0,000064 ± 0,000010	SDP Ch.246 (3 issue)
CBDV (Cannabidivarine), %	0,0013 ± 0,0002	SDP Ch.246 (3 issue)
CBG (Canabigerol), %	0,26 ± 0,04	SDP Ch.246 (3 issue)
CBL (Cannabicycol), %	0,00034 ± 0,00005	SDP Ch.246 (3 issue)
CBN (Canabinol), %	21,68 ± 3,25	SDP Ch.246 (3 issue)
THCV (Δ9-Tetrahydrocannabivarine), %	< 0,000010	SDP Ch.246 (3 issue)
Δ8-THC((-) - trans-Δ8-Tetrahydrocannabinol), %	< 0,000010	SDP Ch.246 (3 issue)
Δ9-THC ((-) - trans-Δ9-Tetrahydrocannabinol), %	< 0,000010	SDP Ch.246 (3 issue)
The sum of Δ9-THC and Δ9-THCA expressed as Δ9-THC. A factor of 0,877 is applied to the level of Δ9-THCA. Δ9-THC (delta-9-tetrahydrocannabinol) + 0,877 x Δ9-THCA (delta-9-tetrahydrocannabinolic acid)), %	-	SDP Ch.246 (3 issue)
Δ9-THCA-A ((-) - trans-Delta-9-THC carboxylic acid A), %	< 0,000010	SDP Ch.246 (3 issue)

Explanation: No. ... Ch - Chemistry section.
"<" – concentration of the parameter in the sample is less than could be quantified with the given method (less than limit of quantification).
± expanded measurement uncertainty calculated from standard uncertainty using coverage factor k=2, with an assumption of normal distributions gives about 95% confidence level.

Test results relate only to the items tested.
** The Institute does not take samples and is not responsible for sampling.
The Institute does not take responsibility for the data provided by the customer
Partial reproduction of test report is not allowed without written approval of the Institute.

Date of issue of the test report: 2024-12-18

Signatures
The test report signed by — Cheminių tyrimų skyriaus vedėja Inga Jarmalaitė

The test report approved by — Cheminių tyrimų skyriaus patarėja Inesa Savickaitė

Nacionalinis maisto ir veterinarijos rizikos vertinimo institutas ◇ TYRIMŲ ATSAKYMAMS

NATIONAL FOOD AND VETERINARY RISK ASSESSMENT INSTITUTE

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Telšiai territorial branch, Luokės St. 99, 87145 Telšiai

ACTUAL SCOPE OF ACCREDITATION

No.	Name of the testing object	Name of the components, parameters or characteristics to be tested	Reference number, chapter, point of the document specifying test methods (where applicable)	Method type, priciple and/or equipment (where applicable)	Branch sign*
Determination of residues and contaminants by atomic absorption spectrometry (AAS) and inductively coupled plasma mass spectrometry (ICP-MS)					
1.		Sodium (Na) content	LST ISO 9964-1:1998	Atomic absorption spectrometry (AAS) method	V_{Ch}
165.	Foodstuffs, feedingstuffs and products derived from fiber hemp	(-)-Δ9-Tetrahydrocannabinol (Δ9-THC); (-)-Δ8-Tetrahydrocannabinol (Δ8-THC); (-)-trans-Delta-9-THC carboxylic acid A (THCA-A); Cannabidiolic acid (CBDA); Cannabichromene (CBC); Cannabidivarin (CBDV); Cannabinol (CBN); Cannabigerol (CBG); Δ9-Tetrahydrocannabivarinic (THCV); (-)-Cannabidiol (CBD); Cannabicyclol (CBL); Cannabichromenic acid (CBCA) content The sum of Δ9-THC and Δ9-THCA expressed as Δ9-THC. A factor of 0,877 is applied to the level of Δ9-THCA. Δ9-THC (delta-9-tetrahydrocannabinol) + 0,877 x Δ9-THCA (delta-9-tetrahydrocannabinolic acid).	SDP Ch.246 (3 leidimas)	Tandem mass spectrometry method for high performance liquid chromatography (HPLC-MS / MS)	V_{Ch}
166.	Foodstuffs	Acesulfame -K, aspartame, saccharin content	LST EN 12856:2001	High performance liquid chromatography method (HPLC)	V_{Ch}
167.		Sorbic acid, benzoic acid, 4-hydroxybenzoic acid propyl ester, 4-hydroxybenzoic acid methyl ester, 4-hydroxybenzoic acid butyl ester content	SDP Ch.34 (8 leidimas)	High performance liquid chromatography method (HPLC)	V_{Ch}
168.		Sorbic acid, potassium sorbate, benzoic acid, sodium benzoate, p-benzoic acid methyl ester, p-benzoic acid propyl ester, p-benzoic acid butyl ester content	SDP K.73 (6 leidimas)	High performance liquid chromatography method (HPLC)	K
169.		Acrylamide content	SDP Ch.165 (5 leidimas)	Tandem mass spectrometry method for high performance liquid chromatography (HPLC-MS / MS)	V_{Ch}
170.	Milk products	Chloramphenicol content	SDP Ch.220 (4 leidimas)	Tandem mass spectrometry method for high performance liquid chromatography (HPLC-MS / MS)	V_{Ch}
171.	Muscle, eggs, honey	Chloramphenicol content	SDP Ch.119 (7 leidimas)	Tandem mass spectrometry method for high performance liquid chromatography (HPLC-MS / MS)	V_{Ch}
172.	Muscle	Ampicillin, amoxicillin, penicillin G,penicillin V, oxacillin, cloxacillin, dicloxacillin and nafcillin content	SDP Ch.186 (4 leidimas)	Tandem mass spectrometry method for high performance liquid chromatography (HPLC-MS / MS)	V_{Ch}
173.		Amprolium, arprinocide, decoquinate, diclazuril, halofuginone, laidlomycin, maduramicin, monensin, narasin, nicarbazin, robenidine, salinomycin, semduramicin content	SDP Ch.208 (3 leidimas)	Tandem mass spectrometry method for high performance liquid chromatography (HPLC-MS / MS)	V_{Ch}
		Dapsone, sulfaquanidine, sulfacetamide, sulfapyridine , sulfadiazine, sulfamethoxazole,			