

 <p>Prime Lab Tech</p>	<p>Laboratory location: 115-V, Kyivskyyi Shliakh str., village Velyka Oleksandrivka, Boryspil district, Kyiv region, 08320 Ukraine</p>	<p>Contacts: www.plt.land office@plt.land 0 800 300 038 – customer service department (free of charge for all operators) +380 67 433 73 18 – Head of the Laboratory</p>	  <p>Национальне агентство з акредитації України National Accreditation Agency of Ukraine №201741 ДСТУ ISO/IEC 17025</p>
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Certificate of Analysis № 2448-1
January 19, 2024

Customer: **Nature Green Ukraine LLC**
Customer's Address: 89423 Ukraine, Transcarpathian region,
Uzhhorod district, Kontsovo village, Myru street, 166A

Sample taken and delivered by: Customer Sample
delivery date: 13/01/2024
Analysis period: 13/01/2024 - 19/01/2024

Product tasted:

Shiitake mushrooms (Lentinula edodes Berk. Pegl)
fresh cultivated in artificial conditions



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Determination of pesticide residues

<i>№</i>	<i>Parameter</i>	<i>Result, mg/kg</i>
1.	2,4-D (2,4-PA)	< 0,001 *
2.	Acetamiprid	< 0,001 *
3.	Amamectin-benzoate	< 0,001 *
4.	Amidosulfuron	< 0,001 *
5.	Aminopyralid	< 0,001 *
6.	Amiolsulfuron	< 0,001 *
7.	Anilofos	< 0,001 *
8.	Atrazine	< 0,001 *
9.	Avermectin B1a	< 0,001 *
10.	Azoxystobin	< 0,001 *
11.	Bifenthrin	< 0,001 *
12.	Boscalid	< 0,001 *
13.	Carbendazim	< 0,001 *
14.	Chlorantraniliprole	< 0,001 *
15.	Chlorimuron-ethyl	< 0,001 *
16.	Chlorpyrifos	< 0,001 *
17.	Chlorpyrifos-methyl	< 0,001 *
18.	Chlorsulfuron	< 0,001 *
19.	Clothianidin	< 0,001 *
20.	Cyflufenamid	< 0,001 *
21.	Cyhalothrin (isomer)	< 0,001 *
22.	Cymoxanil	< 0,001 *

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23.	Cyproconazole	< 0,001*
24.	Cyprodinil	< 0,001*
25.	Deltamethrin	< 0,001*
26.	Desmedipham	< 0,001*
27.	Dicamba	< 0,001*
28.	Dichlorvos	< 0,001*
29.	Diclofop	< 0,001*
30.	Difenoconazole (isomer)	< 0,001*
31.	Dimethoate	< 0,001*
32.	Dimethomorph (E, Z)	< 0,001*
33.	Diquat	< 0,001*
34.	Diquatdibromide monohydrate	< 0,001*
35.	Disulfoton	< 0,001*
36.	Diuron (DCMU)	< 0,001*
37.	Emamectin B1b	< 0,001*
38.	Epoxiconazole	< 0,001*
39.	Ethofumesate	< 0,001*
40.	Etridiazole	< 0,001*
41.	Famoxadone	< 0,001*
42.	Fenarimol	< 0,001*
43.	Fenoxycarb	< 0,001*
44.	Fenpropiidin	< 0,001*
45.	Fipronil	< 0,001*
46.	Fipronil-sulfide	< 0,001*
47.	Florasulam	< 0,001*

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48.	Fluazifop-P-butyl	< 0,001 *
49.	Flubendiamide	< 0,001 *
50.	Fludioxonil	< 0,001 *
51.	Fluopicolide	< 0,001 *
52.	Fluopyram	< 0,001 *
53.	Flutriafol (isomer)	< 0,001 *
54.	Fluxapyroxad	< 0,001 *
55.	Foramsulfuron	< 0,001 *
56.	Haloxyfop-methyl	< 0,001 *
57.	Imazamox	< 0,001 *
58.	Imazapyr	< 0,001 *
59.	Imazethapyr	< 0,001 *
60.	Imidacloprid	< 0,001 *
61.	Indaziflam	< 0,001 *
62.	Iodosulfuron	< 0,001 *
63.	Lambda-cyhalothrin	< 0,001 *
64.	Lufenuron	< 0,001 *
65.	Mandipropamid	< 0,001 *
66.	Mesotrione	< 0,001 *
67.	Metalaxil	< 0,001 *
68.	Metalaxil-M (Mefenoxam)	< 0,001 *
69.	Metamitron	< 0,001 *
70.	Methiocalb	< 0,001 *
71.	Metolachlor	< 0,001 *
72.	Metribuzin	< 0,001 *



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73.	Metsulfuron-methyl	< 0,001 *
74.	Monuron	< 0,001 *
75.	Nicosulfuron	< 0,001 *
76.	Penconazole	< 0,001 *
77.	Pencycuron	< 0,001 *
78.	Pendimethalin	< 0,001 *
79.	Phenmedipham	< 0,001 *
80.	Picoxystrobin	< 0,001 *
81.	Pinoxaden	< 0,001 *
82.	Primingfos-methyl	< 0,001 *
83.	Prochloraz	< 0,001 *
84.	Prometryn	< 0,001 *
85.	Propiconazole (stereo isomer)	< 0,001 *
86.	Prosulfuron	< 0,001 *
87.	Pyraclostrobin	< 0,001 *
88.	Pyriproxyfen	< 0,001 *
89.	Rimsulfuron	< 0,001 *
90.	Spirodiclofen	< 0,001 *
91.	Tebuconazole	< 0,001 *
92.	Teflubenzuron	< 0,001 *
93.	Terbutylazine	< 0,001 *
94.	Thiabendazole	< 0,001 *
95.	Thiamethoxam	< 0,001 *
96.	Thifensulfuron-methyl	< 0,001 *
97.	Thiophanate-methyl	< 0,001 *

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98.	Thiofanox-sulfone		< 0,001 *
99.	Tiencarbason-methyl		< 0,001 *
100.	Triasulfuron		< 0,001 *
101.	Tribenuron-methyl		< 0,001 *
102.	Trinexapac-ethyl		< 0,001 *
103.	Triticonazole		< 0,001 *

* - below the limit of quantification of the method

Methods of determination: Determination of flood essential pesticides was performed by HPLC-MS according to the EN 15662:2018 methodology.

Determination of specific activity of radionuclides**

Name of tests and characteristics to be determined	Test results	Maximum residual level, Bq/kg	Test method regulation
Specific activity of radionuclide 90Sr, Bq/kg	0,1	50	MI 12-08-99
Specific activity of radionuclide 137Cs, Bq/kg	1,5	500	MI 07-119:2011

Determination of the content of heavy metals

№	Parameter	Result, mg/kg	Maximum residual level, mg/kg
1	Cd ¹	not found*	0,05
2	Cr ¹	not found*	0,5
3	Cu ²	0,05	5,0
4	Zn ²	0,15	10,0

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*1 - the maximum permissible level of heavy metals content, according to Commission Regulations (EU) from 19.12.2006, №1881/2006 and state national standards of the PRC: GB 2761-2017, GB2762-2017.

*2 - the maximum permissible level of metals content, according to "SanPin 42-123-4089-86 Maximum permissible concentrations of heavy metals and arsenic in food raw materials and food products.

not found* – below the limit of quantification of the method

Methods of determination: The test method is atomic emission spectrometry according to DSTU ISO 11885: 2005. Determination of 33 elements by atomic emission spectrometry.

Notes:

1. The test results relate only to those samples which have been submitted for testing and are specified in the input data of the test report.
2. Without the original signature, the test report shall be considered invalid.
3. Reproduction of the test report in part or in full is not possible without the written permission of the laboratory.
4. **Tests were conducted using methods that are not included in the scope of accreditation

Approved:

General director of the laboratory of Prime Lab Tech LLC:

Signature
End of protocol
15025

L.V. Vasylenko

